

<b>0049360</b>	<b>1p/19q Deletion by FISH</b>	<b>1P19Q</b>
<b>Methodology:</b>	Fluorescence in situ Hybridization	
<b>Specimen Required:</b>	<u>Collect:</u> Tumor tissue. <u>Specimen Preparation:</u> Formalin fix (10% neutral buffered formalin) and paraffin embed tissue. Transport tissue block or 6 unstained 5 micron slides. (Min: 3 slides) Protect paraffin block from excessive heat. <u>Storage/Transport Temperature:</u> Room temperature or refrigerated. Ship in cooled container during summer months. <u>Remarks:</u> Include surgical pathology report. <u>Unacceptable Conditions:</u> Frozen specimens. Specimens fixed or processed in alternative fixatives (alcohol, Prefer®) or heavy metal fixatives (B-4 or B-5). No tumor in tissue. Decalcified specimens. <u>Stability:</u> Ambient: Indefinitely; Refrigerated: Indefinitely; Frozen: Unacceptable	
<b>CPT Code(s):</b>	88368 x4	
<b>0010003</b>	<b>ABO Group &amp; Rh Type</b>	<b>IRL-ABORH</b>
<b>Methodology:</b>	Hemagglutination	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red, lavender (EDTA), or pink (K <sub>2</sub> EDTA). <u>Specimen Preparation:</u> <b>Do not freeze red cells.</b> Transport 7 mL whole blood (plain red). <b>OR</b> 3 mL whole blood (EDTA). <u>Pediatric:</u> Transport 0.5 mL (10 drops) whole blood. <u>Storage/Transport Temperature:</u> Refrigerated. <u>Remarks:</u> <u>Unacceptable Conditions:</u> Separator tubes. <u>Stability:</u> Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable	
<b>CPT Code(s):</b>	86900 ABO; 86901 Rh Typing	
<b>0010014</b>	<b>ABO-Rh Prenatal</b>	<b>ABORH-PR</b>
<b>Methodology:</b>	Hemagglutination	
<b>Specimen Required:</b>	<u>Collect:</u> Lavender (EDTA) or pink (K <sub>2</sub> EDTA). <u>Specimen Preparation:</u> Transport 7 mL whole blood. (Min: 3 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Frozen specimens. <u>Stability:</u> Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable	
<b>CPT Code(s):</b>	86900 ABO; 86901 Rh	
<b>0010025</b>	<b>ABO-Rh Type</b>	<b>ABORH-A</b>
<b>Methodology:</b>	Hemagglutination	
<b>Specimen Required:</b>	<u>Collect:</u> Testing is limited to the University of Utah Health Sciences Center, Primary Children's Medical Center, and Intermountain Shriners Hospital (1017) only.  Lavender (EDTA) or pink (K <sub>2</sub> EDTA). <u>Specimen Preparation:</u> <b>Do not freeze.</b> Transport 7 mL whole blood. (Min: 3 mL) <u>Storage/Transport Temperature:</u> Room temperature. <u>Remarks:</u> <u>Unacceptable Conditions:</u> Frozen specimens. Separator tubes. <u>Stability:</u> Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable	
<b>CPT Code(s):</b>	86900 ABO; 86901 Rh Typing	
<b>0060245</b>	<b>Acanthamoeba and Naegleria Culture</b>	<b>ACANT</b>
<b>Methodology:</b>	Qualitative Culture/Microscopic Identification	
<b>Specimen Required:</b>	<u>Collect:</u> Corneal scrapings, vitreous fluid or tissue. <u>Specimen Preparation:</u> Place corneal scrapings, vitreous fluid, or tissue in 2 mL of Page's amoeba saline (ARUP supply #31917). Available online through eSupply using ARUP Connect™ or contact Client Services at (800) 522-2787. <u>Storage/Transport Temperature:</u> <b>CRITICAL ROOM TEMPERATURE.</b> Submit specimen according to Biological Substance, Category B, shipping guidelines. <u>Unacceptable Conditions:</u> Frozen or refrigerated specimens. Formalinized specimens. Dry material (corneal scrapings or tissue that has not been placed in sterile saline or specimens that have become dry in transit). Specimens in media or preservatives. <u>Stability:</u> Ambient: 72 hours; Refrigerated: Unacceptable; Frozen: Unacceptable	
<b>CPT Code(s):</b>	87081	
<b>2002584</b>	<b>Acanthamoeba and Naegleria Culture and Stains, CSF</b>	<b>ACANTCSF</b>
<b>Methodology:</b>	Qualitative Culture/Microscopic Identification/Calcofluor Stain/Giemsa Stain	
<b>Specimen Required:</b>	<u>Collect:</u> CSF. <u>Specimen Preparation:</u> Transfer 1 mL CSF to a sterile ARUP Standard Transport Tube (ARUP supply # 43115). Available online through eSupply using ARUP Connect™ or contact Client Services at (800) 522-2787. (Min: 0.5 mL) <u>Storage/Transport Temperature:</u> <b>CRITICAL ROOM TEMPERATURE.</b> Submit specimen according to Biological Substance, Category B, shipping guidelines. <u>Unacceptable Conditions:</u> Frozen or refrigerated specimens. Specimens submitted in transport media. Formalinized specimens. Specimens in media or preservatives. <u>Stability:</u> Ambient: 72 hours; Refrigerated: Unacceptable; Frozen: Unacceptable	
<b>CPT Code(s):</b>	87081 Culture; 87206 Calcofluor Stain; 87207 Giemsa Stain	
<b>0090001</b>	<b>Acetaminophen</b>	<b>ACET</b>
<b>Methodology:</b>	Spectrophotometry	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red. <u>Specimen Preparation:</u> Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Plasma. Specimens collected in separator tubes, sodium fluoride/potassium oxalate, or sodium citrate anticoagulants. <u>Stability:</u> After separation from cells: Ambient: 2 weeks; Refrigerated: 2 weeks; Frozen: 45 days	

CPT Code(s): 82003

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**0091533 Acetaminophen and Oxycodone Quantitation, Serum or Plasma PERCOC SP**  
**Methodology:** Quantitative Gas Chromatography-Mass Spectrometry/Immunoassay  
**Specimen Required:** Collect: Plain red or lavender (EDTA).  
Specimen Preparation: Transfer 4 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 1.9 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Separator tubes.  
Stability: Ambient: 23 days; Refrigerated: 1 month; Frozen: 1 month  
**CPT Code(s):** 83925 Opiates; 82003 Acetaminophen

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**0091404 Acetaminophen and Oxycodone Quantitation, Whole Blood PERCOCET B**  
**Methodology:** Quantitative Gas Chromatography-Mass Spectrometry/High Performance Liquid Chromatography  
**Specimen Required:** Collect: Plain red or lavender (EDTA).  
Specimen Preparation: Transfer 4 mL whole blood to an ARUP Standard Transport Tube. (Min: 1.6 mL)  
Storage/Transport Temperature: Refrigerated.  
Stability: Ambient: 23 days; Refrigerated: 1 month; Frozen: 1 month  
**CPT Code(s):** 83925 Opiates; 82003 Acetaminophen

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**0091366 Acetazolamide, Serum or Plasma ACETAZOLAM**  
**Methodology:** High Performance Liquid Chromatography  
**Specimen Required:** Collect: One 7 mL plain red or lavender (EDTA).  
Storage/Transport Temperature: 1 mL serum or plasma at 2-8°C. (Min: 0.2 mL) Submit specimen in an ARUP Standard Transport Tube.  
Unacceptable Conditions: Separator tubes.  
Stability: Ambient: 2 weeks; Refrigerated: 2 weeks; Frozen: 1 year  
**CPT Code(s):** 80299

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**0091374 Acetazolamide, Urine ACETAZO U**  
**Methodology:** High Performance Liquid Chromatography  
**Specimen Required:** Collect: Random urine.  
Storage/Transport Temperature: 1 mL urine at 2-8°C. (Min: 0.2 mL) Submit specimen in an ARUP Standard Transport Tube.  
Unacceptable Conditions: Ambient specimens.  
Stability: Ambient: Unacceptable; Refrigerated: 2 weeks; Frozen: 1 month  
**CPT Code(s):** 80299

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**0090005 Acetone, Quantitative AC**  
**Methodology:** Quantitative Gas Chromatography  
**Specimen Required:** Collect: Plain red. Also acceptable: Lavender (EDTA), pink (K<sub>2</sub>EDTA), green (sodium heparin), or gray (sodium fluoride/potassium oxalate). Avoid use of separator tubes.  
Specimen Preparation: Transfer 0.5 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.2 mL)  
Storage/Transport Temperature: Refrigerated.  
Stability: After separation from cells: Ambient: 5 days (if tightly capped); Refrigerated: 1 week (if tightly capped); Frozen: 1 month  
**CPT Code(s):** 82010

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**0091322 Acetophenazine, Serum or Plasma ACETOPHEN**  
**Methodology:** High Performance Liquid Chromatography  
**Specimen Required:** Collect: One 10 mL plain red. Also acceptable: gray (sodium fluoride/potassium oxalate), green (sodium heparin), or lavender (EDTA).  
Storage/Transport Temperature: 3 mL serum or plasma at 2-8°C. (Min: 1.2 mL) Submit specimen in an ARUP Amber Transport Tube.  
Remarks: Protect from light.  
Unacceptable Conditions: Separator tubes.  
Stability: Ambient: Undetermined; Refrigerated: Undetermined; Frozen: Undetermined  
**CPT Code(s):** 80299

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**2001571 Acetylcholine Receptor Antibody Reflexive Panel ACHR R PAN**  
**Methodology:** Quantitative Radioimmunoassay/Semi-Quantitative Radioreceptor Assay  
**Specimen Required:** Collect: Serum separator tube.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Contaminated, hemolyzed, or severely lipemic specimens.  
Stability: After separation from cells: Ambient: 2 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)  
**CPT Code(s):** 83519 ACHR Binding Ab; 83519 ACHR Blocking Ab; if reflexed, add 83519 ACHR Modulating Ab

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**0080009 Acetylcholine Receptor Binding Antibody ACHRBIN**  
**Methodology:** Quantitative Radioimmunoassay  
**Specimen Required:** Collect: Serum separator tube.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.3 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Plasma. Contaminated, hemolyzed, or severely lipemic specimens.  
Stability: After separation from cells: Ambient: 2 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)  
**CPT Code(s):** 83519

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**0099580 Acetylcholine Receptor Blocking Antibody ACHRBL0**  
**Methodology:** Semi-Quantitative Radioreceptor Assay  
**Specimen Required:** Collect: Serum separator tube.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL)

	<u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Contaminated, hemolyzed, or severely lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 2 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)	
<b>CPT Code(s):</b>	83519	
<b>0099521</b>	<b>Acetylcholine Receptor Modulating Antibody</b>	<b>ACHRMOD</b>
<b>Methodology:</b>	Semi-Quantitative Radioreceptor Assay	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.3 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Contaminated, hemolyzed, or severely lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 2 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)	
<b>CPT Code(s):</b>	83519	
<b>2002387</b>	<b>Acetylcholinesterase and Fetal Hemoglobin</b>	<b>ACETYL</b>
<b>Methodology:</b>	Qualitative Gel Electrophoresis/Radial Immunodiffusion	
<b>Specimen Required:</b>	<u>Collect:</u> Amniotic Fluid <u>Specimen Preparation:</u> Transfer 2 mL amniotic fluid to an ARUP Standard Transport Tube. (Min: 1 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Remarks:</u> Include gestational age, collection date, clinical indications, and the AFP and MoM results, if available. <u>Unacceptable Conditions:</u> <u>Stability:</u> Ambient; 2 weeks; Refrigerated: 4 months; Frozen: 3 years	
<b>CPT Code(s):</b>	82013 Acetylcholinesterase; 83033 Fetal Hemoglobin	
<b>0051266</b>	<b>Achondroplasia (FGFR3) 2 Mutations</b>	<b>AD PCR</b>
<b>Methodology:</b>	Polymerase Chain Reaction/Fluorescence Resonance Energy Transfer	
<b>Specimen Required:</b>	<u>Collect:</u> Lavender (EDTA), pink (K <sub>2</sub> EDTA), or yellow (ACD Solution A or B). <u>Specimen Preparation:</u> <b>Do not freeze.</b> Transport 3 mL whole blood. (Min: 1 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Remarks:</u> <u>Unacceptable Conditions:</u> Serum. Frozen specimens. Hemolyzed specimens. <u>Stability:</u> Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable	
<b>CPT Code(s):</b>	83891 Isolation; 83898 Amplification; 83896 x2 Nucleic acid probes; 83912 Interpretation and report. Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.	
<b>0051265</b>	<b>Achondroplasia (FGFR3) 2 Mutations, Fetal</b>	<b>AD PCR FE</b>
<b>Methodology:</b>	Polymerase Chain Reaction/Fluorescent Resonance Energy Transfer	
<b>Specimen Required:</b>	<u>Collect:</u> <b>Fetal Specimen:</b> Two T-25 flasks at 80% confluency of cultured amniocytes. <b>If the client is unable to culture amniocytes, this can be arranged by contacting ARUP Client Services at (800) 522-2787.</b> Or amniotic fluid. <b>AND Maternal Cell Contamination Specimen:</b> Lavender (EDTA), pink (K <sub>2</sub> EDTA), or yellow (ACD Solution A or B). <u>Specimen Preparation:</u> <b>Cultured Amniocytes:</b> Fill flasks with culture media. Transport two T-25 flasks at 80% confluency of cultured amniocytes. Backup cultures must be retained at the client's institution until testing is complete. <b>OR Amniotic Fluid:</b> Transport 10 mL unspun fluid. (Min: 5 mL) <b>AND Maternal Cell Contamination Specimen:</b> Transport 3 mL whole blood. (Min: 1 mL) <u>Storage/Transport Temperature:</u> <b>Cultured Amniocytes: CRITICAL ROOM TEMPERATURE.</b> Must be received within 48 hours of shipment due to liability of cells. <b>Amniotic fluid:</b> Room temperature. <b>Maternal Cell Contamination Specimen:</b> Room temperature. <u>Remarks:</u> <b>Maternal specimen is recommended for proper test interpretation. Order Maternal Cell Contamination. Patient History Form is available on the ARUP Web site or by contacting ARUP Client Services.</b> <u>Stability:</u> <b>Fetal Specimen:</b> Ambient: 48 hours; Refrigerated: Unacceptable; Frozen: Unacceptable <b>Maternal Cell Contamination Specimen:</b> Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable	
<b>CPT Code(s):</b>	83891 Isolation; 83898 Amplification; 83896 x2 Nucleic acid probes; 83912 Interpretation and report. FCC: 83900 Multiplex amplification; 83901 x14 Additional amplification; 83909 Capillary electrophoresis. MCC MAT (0050608): 83891 Isolation; 83900 Multiplex amplification; 83901 x14 Additional amplification; 83909 Capillary electrophoresis, 83912 Interpretation and report.	
<b>0060325</b>	<b>Acid Fast Stain, Partial or Modified (for <i>Nocardia</i> sp.)</b>	<b>MS PAFS</b>
<b>Methodology:</b>	Stain/Microscopic Exam	
<b>Specimen Required:</b>	<u>Collect:</u> Tissue, fluid, aspirate, or respiratory specimen. <u>Specimen Preparation:</u> Transport fluid or aspirate in sealed, sterile container. <b>OR</b> transport tissue in sterile container with moist gauze. <u>Storage/Transport Temperature:</u> Room temperature. Submit specimen according to Biological Substance, Category B, shipping guidelines. <u>Stability:</u> Ambient: 72 hours; Refrigerated: 72 hours; Frozen: Unacceptable	
<b>CPT Code(s):</b>	87206	
<b>0049010</b>	<b>Acid Hemolysin (Ham Test)</b>	<b>HAM</b>
<b>Methodology:</b>	Visual Identification of Hemolysis	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red <b>AND</b> lavender (EDTA) or pink (K <sub>2</sub> EDTA). <u>Specimen Preparation:</u> Separate serum from cells within 2 hours of collection. Transport 3 mL serum (plain red) (Min: 1.5 mL). <b>AND</b> transport 5 mL whole blood (EDTA) (Min: 1 mL). <u>Storage/Transport Temperature:</u> Room temperature. <b>Send Sunday through Thursday only.</b> Specimens must be <b>received</b> within 24 hours of collection and testing must be performed within 48 hours of collection. <u>Remarks:</u> Indicate patient's blood type. <u>Unacceptable Conditions:</u> Serum specimens that have not been separated from the cells within 2 hours of collection. <u>Stability:</u> After separation from cells: Ambient: 24 hours	
<b>CPT Code(s):</b>	85475	

<b>0020544</b>	<b>Acid Phosphatase, Total, Serum</b>	<b>ACS</b>
<b>Methodology:</b>	Quantitative Enzymatic	
<b>Specimen Required:</b>	Collect: Plain red. Specimen Preparation: Transfer 1.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL)) Storage/Transport Temperature: <b>CRITICAL FROZEN. Separate specimens must be submitted when multiple tests are ordered.</b> Unacceptable Conditions: Plasma. Non-frozen specimens. Stability: After separation from cells: Ambient: Unacceptable; Refrigerated: Unacceptable; Frozen: 1 month	
<b>CPT Code(s):</b>	84060	
<b>0091246</b>	<b>Actived, Serum or Plasma</b>	<b>ACTIFED SP</b>
<b>Methodology:</b>	Quantitative High Performance Liquid Chromatography/Mass Spectrometry/Gas Chromatography	
<b>Specimen Required:</b>	Collect: Plain red or lavender (EDTA). Specimen Preparation: Separate serum or plasma from cells within 2 hours. Transfer 6 mL serum or plasma to ARUP Standard Transport Tubes. (Min: 2.6 mL) Storage/Transport Temperature: Refrigerated. Unacceptable Conditions: Separator tubes. Stability: Ambient: Undetermined; Refrigerated: Undetermined; Frozen: Undetermined	
<b>CPT Code(s):</b>	82491 Triprolidine; 82542 Pseudoephedrine	
<b>2002647</b>	<b>Acute Lymphocytic Leukemia (ALL) Panel by FISH, Adult</b>	<b>FISH A ALL</b>
<b>Methodology:</b>	Fluorescence in situ Hybridization	
<b>Specimen Required:</b>	Collect: Non-diluted bone marrow aspirate collected in a heparinized syringe. Also acceptable: Whole blood in green (sodium heparin). Other specimen types may be acceptable, contact the Cytogenetics Laboratory for specific specimen collection and transportation instructions. Specimen Preparation: Transfer bone marrow to a green (sodium heparin). Transport 3 mL bone marrow (Min: 1 mL) <b>OR</b> 10 mL whole blood (Min: 2 mL). Storage/Transport Temperature: Room temperature. Remarks: It is recommended that all FISH studies be done in conjunction with routine cytogenetic analysis. (Refer to appropriate Chromosome Analysis test for order instructions). If FISH only is requested, please include copy of previous cytogenetics report. If cell pellets or dropped cytogenetics slides are not submitted, a processing fee will apply. This test must be ordered using Cytogenetic test request form #43099 or through ARUP interface. Submit the Patient History for Cytogenetic (Chromosome) Studies form with the electronic packing list (available at <a href="http://www.aruplab.com/genetics/forms.php">http://www.aruplab.com/genetics/forms.php</a> ). Unacceptable Conditions: Frozen specimens. Clotted or paraffin-embedded specimens. Stability: Ambient: 48 hours; Refrigerated: Unacceptable; Frozen: Unacceptable	
<b>CPT Code(s):</b>	88271 x5 DNA probe each; 88275 x5 Interphase in situ hybridization 100-300 each; 88291 Interpretation and report - Additional CPT codes modifiers may be required for procedures performed to test for oncologic or inherited disorders.	
<b>2002719</b>	<b>Acute Lymphocytic Leukemia (ALL) Panel by FISH, Pediatric</b>	<b>FISH P ALL</b>
<b>Methodology:</b>	Fluorescence in situ Hybridization	
<b>Specimen Required:</b>	Collect: Non-diluted bone marrow aspirate collected in a heparinized syringe. Also acceptable: Whole blood in green (sodium heparin). Other specimen types may be acceptable, contact the Cytogenetics Laboratory for specific specimen collection and transportation instructions. Specimen Preparation: Transfer bone marrow to a green (sodium heparin). Transport 3 mL bone marrow (Min: 1 mL) <b>OR</b> 10 mL whole blood (Min: 2 mL). Storage/Transport Temperature: Room temperature. Remarks: It is recommended that all FISH studies be done in conjunction with routine cytogenetic analysis. (Refer to appropriate Chromosome Analysis test for order instructions). If FISH only is requested, please include copy of previous cytogenetics report. If cell pellets or dropped cytogenetics slides are not submitted, a processing fee will apply. This test must be ordered using Cytogenetic test request form #43099 or through ARUP interface. Submit Patient History for Cytogenetic (Chromosome) Studies form with the electronic packing list (available at <a href="http://www.aruplab.com/genetics/forms.php">http://www.aruplab.com/genetics/forms.php</a> ). Unacceptable Conditions: Frozen specimens. Clotted or paraffin-embedded specimens. Stability: Ambient: 48 hours; Refrigerated: Unacceptable; Frozen: Unacceptable	
<b>CPT Code(s):</b>	88271 x7 DNA probe each; 88275 x7 Interphase in situ hybridization 100-300 each; 88291 Interpretation and report - Additional CPT codes modifiers may be required for procedures performed to test for oncologic or inherited disorders.	
<b>2002653</b>	<b>Acute Myelogenous Leukemia (AML) with Myelodysplastic Syndrome (MDS), or Therapy-Related AML, by FISH</b>	<b>F TAML MDS</b>
<b>Methodology:</b>	Fluorescence in situ Hybridization	
<b>Specimen Required:</b>	Collect: Non-diluted bone marrow aspirate collected in a heparinized syringe. Also acceptable: Whole blood in green (sodium heparin). Other specimen types may be acceptable, contact the Cytogenetics Laboratory for specific specimen collection and transportation instructions. Specimen Preparation: Transfer bone marrow to a green (sodium heparin). Transport 3 mL bone marrow (Min: 1 mL) <b>OR</b> 10 mL whole blood (Min: 2 mL). Storage/Transport Temperature: Room temperature. Remarks: It is recommended that all FISH studies be done in conjunction with routine cytogenetic analysis. (Refer to appropriate Chromosome Analysis test for order instructions). If FISH only is requested, please include copy of previous cytogenetics report. If cell pellets or dropped cytogenetics slides are not submitted, a processing fee will apply. This test must be ordered using Cytogenetic test request form #43099 or through ARUP interface. Submit the Patient History for Cytogenetic (Chromosome) Studies form with the electronic packing list (available at <a href="http://www.aruplab.com/genetics/forms.php">http://www.aruplab.com/genetics/forms.php</a> ). Unacceptable Conditions: Frozen specimens. Clotted or paraffin-embedded specimens. Stability: Ambient: 48 hours; Refrigerated: Unacceptable; Frozen: Unacceptable	
<b>CPT Code(s):</b>	88271 x3 DNA probe each; 88275 x3 Interphase in situ hybridization 100-300 each; 88291 Interpretation and report - Additional CPT codes modifiers may be required for procedures performed to test for oncologic or inherited disorders.	
<b>2002384</b>	<b>Acute Myelogenous Leukemia Panel by FISH</b>	<b>FISH AML P</b>
<b>Methodology:</b>	Fluorescence in situ Hybridization	
<b>Specimen Required:</b>	Collect: Non-diluted bone marrow aspirate collected in a heparinized syringe. Also acceptable: Whole blood in green (sodium heparin). Other specimen types may be acceptable, contact the Cytogenetics Laboratory for specific specimen collection and transportation	

instructions.

Specimen Preparation: Transfer bone marrow to a green (sodium heparin). Transport 3 mL bone marrow (Min: 1 mL) **OR** 10 mL whole blood (Min: 2 mL).

Storage/Transport Temperature: Room temperature.

Remarks: It is recommended that all FISH studies be done in conjunction with routine cytogenetic analysis. (Refer to appropriate Chromosome Analysis test for order instructions). If FISH only is requested, please include copy of previous cytogenetics report.

If cell pellets or dropped cytogenetics slides are not submitted, a processing fee will apply.

This test must be ordered using Cytogenetic test request form #43099 or through your ARUP interface. Submit the Patient History for Cytogenetic (Chromosome) Studies form with the electronic packing list (available at <http://www.aruplab.com/genetics/forms.php>).

Unacceptable Conditions: Frozen specimens. Clotted or paraffin-embedded specimens.

Stability: Ambient: 48 hours; Refrigerated: Unacceptable; Frozen: Unacceptable

**CPT Code(s):** 88271 x3 DNA probe; 88275 x3 Interphase in situ hybridization 100-300; 88291 Interpretation and report - Additional CPT codes modifiers may be required for procedures performed to test for oncologic or inherited disorders.

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**0091328** **Acyclovir (Zovirax®), Serum or Plasma** **ACYCLOV**

**Methodology:** Quantitative High Performance Liquid Chromatography-Tandem Mass Spectrometry

**Specimen Required:** Collect: Plain red.

Specimen Preparation: Separate serum or plasma from cells within 2 hours. Transfer 1 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.5 mL)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Separator tubes.

Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 month

**CPT Code(s):** 80299

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**0091376** **Acyclovir, (Zovirax®), Urine** **ACYCLOVI U**

**Methodology:** High Performance Liquid Chromatography-Tandem Mass Spectrometry

**Specimen Required:** Collect: Random urine.

Specimen Preparation: Submit specimen in an ARUP Standard Transport Tube.

Storage/Transport Temperature: 1 mL urine at 2-8°C. (Min: 0.5 mL)

Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 month

**CPT Code(s):** 80299-90

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**0040033** **Acylcarnitine Quantitative Profile, Plasma** **ACYLCARN**

**Methodology:** Tandem Mass Spectrometry

**Specimen Required:** Collect: Green (sodium or lithium heparin). Also acceptable: Plain red.

Specimen Preparation: Separate serum or plasma from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum or plasma to an ARUP Standard Transport Tube and freeze immediately. (Min: 0.2 mL) Avoid hemolysis.

Storage/Transport Temperature: **CRITICAL FROZEN. Separate specimens must be submitted when multiple tests are ordered.**

Remarks: **Clinical information is needed for appropriate interpretation.** Additional required information includes age, gender, diet (eg, TPN therapy), drug therapy, and family history. Biochemical Genetics Patient History Form is available on the ARUP Web site at [aruplab.com/patienthistory](http://aruplab.com/patienthistory) or by contacting ARUP Client Services.

Unacceptable Conditions: Room temperature specimens. Specimens that have been refrigerated for longer than 12 hours.

Stability: After separation from cells: Ambient: Unacceptable; Refrigerated: 12 hours; Frozen: 1 month (avoid repeated freeze/thaw cycles)

**CPT Code(s):** 82017

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**0081170** **Acylglycines, Quantitative, Urine** **ACYLGLY**

**Methodology:** Liquid Chromatography-Tandem Mass Spectrometry

**Specimen Required:** Collect: Random urine.

Specimen Preparation: Transfer 6 mL urine to ARUP Standard Transport Tubes and freeze immediately. (Min: 3 mL) Avoid dilute urine when possible.

Storage/Transport Temperature: Frozen.

Remarks: **Clinical information is needed for appropriate interpretation.** Additional required information includes age, gender, diet (e.g., TPN therapy), drug therapy, and family history. **Biochemical Genetics Patient History Form is available on the ARUP Web site at <http://www.aruplab.com/patienthistory> or by contacting ARUP Client Services.**

Stability: Ambient: Unacceptable; Refrigerated: 24 hours; Frozen: 2 weeks

**CPT Code(s):** 82544

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**0030056** **ADAMTS13 Activity** **ADAMTS-13**

**Methodology:** Fluorescence Resonance Energy Transfer

**Specimen Required:** Collect: Lt. blue (sodium citrate). Refer to Specimen Handling at [aruplab.com](http://aruplab.com) for hemostasis/thrombosis specimen handling guidelines.

Specimen Preparation: Transfer 1 mL platelet-poor plasma to an ARUP Standard Transport Tube. (Min: 0.5 mL)

Storage/Transport Temperature: **CRITICAL FROZEN. Separate specimens must be submitted when multiple tests are ordered.**

Unacceptable Conditions: Hemolyzed specimens. Serum or EDTA plasma.

Stability: Ambient: 3 hours; Refrigerated: Unacceptable; Frozen: 2 weeks

**CPT Code(s):** 85397

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**0098115** **Adenosine Deaminase, Body Fluid** **ADA FLD**

**Methodology:** Quantitative Spectrophotometry

**Specimen Required:** Collect: Body fluid, CSF, peritoneal fluid, or pleural fluid. Collect specimen supernatant.

Specimen Preparation: Centrifuge specimen at room temperature. Transfer 0.3 mL fluid to an ARUP Standard Transport Tube and freeze. (Min: 0.1 mL)

Storage/Transport Temperature: Frozen. Specimen must remain frozen until received in lab.

Remarks: Specimen source required.

Unacceptable Conditions: Bronchoalveolar Lavage (BAL) specimens or whole blood. Turbid specimens that cannot be clarified by centrifugation.

Stability: Ambient: 24 hours; Refrigerated: 72 hours; Frozen: 6 months

**CPT Code(s):** 84311

<b>0083001</b>	<b>Adenosine Deaminase, RBC</b>	<b>ADA</b>
<b>Methodology:</b>	Quantitative Spectrophotometry	
<b>Specimen Required:</b>	<u>Collect:</u> Lavender (EDTA), pink (K <sub>2</sub> EDTA), or green (sodium or lithium heparin). <u>Specimen Preparation:</u> Do not freeze. Transport 1 mL whole blood. <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed specimens. <u>Stability:</u> Ambient: 4 days; Refrigerated: 2 weeks; Frozen: Unacceptable	
<b>CPT Code(s):</b>	84311	
<b>0065066</b>	<b>Adenovirus 40-41 Antigens by EIA</b>	<b>ADENO AG</b>
<b>Methodology:</b>	Qualitative Enzyme Immunoassay	
<b>Specimen Required:</b>	<u>Collect:</u> Stool. <u>Specimen Preparation:</u> Transfer 5 g stool to an unpreserved stool transport vial (ARUP Supply #40910). Available online through eSupply using ARUP Connect™ or contact Client Services at (800) 522-2787. (Min: 1 g) <u>Storage/Transport Temperature:</u> Frozen. Submit specimen according to Biological Substance, Category B, shipping guidelines. <u>Unacceptable Conditions:</u> Diapers. Specimens in formalin or other preservatives. Specimens in media or preservatives. <u>Stability:</u> Ambient: 2 hours; Refrigerated: 72 hours; Frozen: 1 week	
<b>CPT Code(s):</b>	87301	
<b>0051077</b>	<b>Adenovirus Antibodies, IgG &amp; IgM</b>	<b>ADENO PAN</b>
<b>Methodology:</b>	Semi-Quantitative Enzyme-Linked Immunosorbent Assay	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.05 mL) Parallel testing is preferred and convalescent samples <b>must</b> be received within 30 days of the acute samples. <b>Mark specimens plainly as "acute" or "convalescent."</b> <u>Storage/Transport Temperature:</u> Refrigerated. Also acceptable: Room temperature or frozen. <u>Unacceptable Conditions:</u> Plasma. Bacterially contaminated, heat-inactivated, hemolyzed, icteric, lipemic, or turbid specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86603 x2	
<b>0051073</b>	<b>Adenovirus Antibody, IgG</b>	<b>ADENO G</b>
<b>Methodology:</b>	Semi-Quantitative Enzyme-Linked Immunosorbent Assay	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.05 mL) Parallel testing is preferred and convalescent specimens <b>must</b> be received within 30 days of the acute specimens. <b>Mark specimens plainly as "acute" or "convalescent."</b> <u>Storage/Transport Temperature:</u> Refrigerated. Also acceptable: Room temperature or frozen. <u>Unacceptable Conditions:</u> Plasma. Bacterially contaminated, heat-inactivated, hemolyzed, icteric, lipemic, or turbid specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86603	
<b>0051078</b>	<b>Adenovirus Antibody, IgM</b>	<b>ADENO M</b>
<b>Methodology:</b>	Semi-Quantitative Enzyme-Linked Immunosorbent Assay	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.05 mL) Parallel testing is preferred and convalescent specimens <b>must</b> be received within 30 days of the acute specimens. <b>Mark specimens plainly as "acute" or "convalescent."</b> <u>Storage/Transport Temperature:</u> Refrigerated. Also acceptable: Room temperature or frozen. <u>Unacceptable Conditions:</u> Plasma. Bacterially contaminated, heat-inactivated, hemolyzed, icteric, lipemic, or turbid specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86603	
<b>2003430</b>	<b>Adenovirus by Immunohistochemistry</b>	<b>ADENOV IHC</b>
<b>Methodology:</b>	Immunohistochemistry	
<b>Specimen Required:</b>	<u>Collect:</u> Tissue or cells. <u>Specimen Preparation:</u> Formalin fix (10% neutral buffered formalin is preferred) and paraffin embed specimen (Cells must be prepared into a cellblock). If sending precut slides, do not oven bake. Protect paraffin block and/or slides from excessive heat. Ship in cooled container during summer months. <u>Storage/Transport Temperature:</u> Room temperature or refrigerated. <u>Remarks:</u> <b>IMMUNOHISTOCHEMISTRY ORDERING AND SUBMISSION DETAILS:</b> Submit electronic request. If you do not have electronic ordering capability, use an ARUP Immunohistochemistry Stain Form (#32978) with an ARUP client number. For additional technical details, please contact ARUP Client Services. <u>Unacceptable Conditions:</u> Depleted specimens. Specimens submitted with non-representative tissue type. <u>Stability:</u> Ambient: Indefinite; Refrigerated: Indefinite; Frozen: Indefinite	
<b>CPT Code(s):</b>	88342	
<b>2002088</b>	<b>Adenovirus DNA, Qualitative, RT-PCR</b>	<b>ADENO QUAL</b>
<b>Methodology:</b>	Real-Time Polymerase Chain Reaction	
<b>Specimen Required:</b>	<u>Collect:</u> Lavender (EDTA), pink (K <sub>2</sub> EDTA), yellow (ACD Solution A), or serum separator tube. <b>OR</b> throat, nasopharyngeal, or eye swabs. <u>Specimen Preparation:</u> Separate serum or plasma from cells within two hours of collection. Transfer 1 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.35 mL) <b>OR</b> transfer swabs to 3 mL viral transport media (Microtest M4 or UTM) (ARUP supply #12884). Specimen source is required. <u>Storage/Transport Temperature:</u> Refrigerated. Also acceptable: Frozen. <u>Unacceptable Conditions:</u> Calcium alginate swabs. <u>Stability:</u> Ambient: Unacceptable; Refrigerated: 1 week; Frozen: 1 month	
<b>CPT Code(s):</b>	87798	

<b>0070262</b>	<b>Adiponectin</b>	<b>ADIP</b>
<b>Methodology:</b>	Quantitative Enzyme-Linked Immunosorbent Assay	
<b>Specimen Required:</b>	<b>Patient Preparation:</b> Patient should fast overnight prior to collection.	
	<b>Collect:</b> Plain red or serum separator tube.	
	<b>Specimen Preparation:</b> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.1 mL)	
	<b>Storage/Transport Temperature:</b> Refrigerated.	
	<b>Unacceptable Conditions:</b> Specimens from non-fasting patients. Specimens not separated from the red cells. Lipemic specimens.	
	<b>Stability:</b> After separation from cells: Ambient: 8 hours; Refrigerated: 1 week; Frozen: 1 month	
<b>CPT Code(s):</b>	83520	
<b>0092330</b>	<b>Adrenal Steroid Quantitative Panel by LC-MS/MS, Serum or Plasma</b>	<b>ADSTERIOD</b>
<b>Methodology:</b>	Quantitative High Performance Liquid Chromatography-Tandem Mass Spectrometry	
<b>Specimen Required:</b>	<b>Collect:</b> Serum separator tube. Also acceptable: Lavender (EDTA), pink (K <sub>2</sub> EDTA), or green (sodium or lithium heparin).	
	<b>Specimen Preparation:</b> Separate serum or plasma from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum or plasma to an ARUP Standard Transport Tube and freeze immediately. (Min: 0.25 mL)	
	<b>Storage/Transport Temperature: CRITICAL FROZEN. Separate specimens must be submitted when multiple tests are ordered.</b>	
	<b>Unacceptable Conditions:</b> Refrigerated or room temperature specimens.	
	<b>Stability:</b> After separation from cells: Ambient: Unacceptable; Refrigerated: Unacceptable; Frozen: 6 months	
<b>CPT Code(s):</b>	82634 11-Deoxycortisol; 83498 17-Hydroxyprogesterone; 84143 17-Hydroxypregnenolone; 84140 Pregnenolone	
<b>0070010</b>	<b>Adrenocorticotrophic Hormone</b>	<b>ACTH</b>
<b>Methodology:</b>	Quantitative Chemiluminescent Immunoassay	
<b>Specimen Required:</b>	<b>Collect:</b> Lavender (EDTA) or pink (K <sub>2</sub> EDTA). <b>Collection tube must be siliconized glass or plastic.</b>	
	<b>Specimen Preparation:</b> Separate plasma from cells ASAP or within 2 hours of collection. Transfer 1 mL plasma to an ARUP Standard Transport Tube and freeze immediately. (Min: 0.5 mL)	
	<b>Storage/Transport Temperature: CRITICAL FROZEN. Separate specimens must be submitted when multiple tests are ordered.</b>	
	<b>Unacceptable Conditions:</b> Serum or heparinized plasma. Non-frozen specimens. Grossly hemolyzed or lipemic specimens.	
	<b>Stability:</b> After separation from cells: Ambient: 2 hours; Refrigerated: Unacceptable; Frozen: 3 months	
<b>CPT Code(s):</b>	82024	
<b>2003427</b>	<b>Adrenocorticotrophic Hormone (ACTH) by Immunohistochemistry</b>	<b>ACTH IHC</b>
<b>Methodology:</b>	Immunohistochemistry	
<b>Specimen Required:</b>	<b>Collect:</b> Tissue or cells.	
	<b>Specimen Preparation:</b> Formalin fix (10% neutral buffered formalin is preferred) and paraffin embed specimen (Cells must be prepared into a cellblock). If sending precut slides, do not oven bake.	
	Protect paraffin block and/or slides from excessive heat. Ship in cooled container during summer months.	
	<b>Storage/Transport Temperature:</b> Room temperature or refrigerated.	
	<b>Remarks: IMMUNOHISTOCHEMISTRY ORDERING AND SUBMISSION DETAILS:</b> Submit electronic request. If you do not have electronic ordering capability, use an ARUP Immunohistochemistry Stain Form (#32978) with an ARUP client number. For additional technical details, please contact ARUP Client Services.	
	<b>Unacceptable Conditions:</b> Depleted specimens. Specimens submitted with non-representative tissue type.	
	<b>Stability:</b> Ambient: Indefinite; Refrigerated: Indefinite; Frozen: Indefinite	
<b>CPT Code(s):</b>	88342	
<b>0070031</b>	<b>Adrenocorticotrophic Hormone Stimulation, 0 Minutes</b>	<b>CORTISOL 0</b>
<b>Methodology:</b>	Quantitative Chemiluminescent Immunoassay	
<b>Specimen Required:</b>	<b>Patient Preparation:</b> Collect 1 timed specimen at 0 minutes.	
	<b>Collect:</b> Plasma separator tube or serum separator tube.	
	<b>Specimen Preparation:</b> Allow specimen to clot completely at room temperature. Separate serum or plasma from cells ASAP or within 2 hours of collection. Transfer 1 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.4 mL) Specimen must be labeled with time drawn.	
	<b>Storage/Transport Temperature:</b> Refrigerated.	
	<b>Stability:</b> After separation from cells: Ambient: 1 week; Refrigerated: 1 week; Frozen: 3 months	
<b>CPT Code(s):</b>	82533	
<b>0070032</b>	<b>Adrenocorticotrophic Hormone Stimulation, 30 Minutes</b>	<b>CORTISOL30</b>
<b>Methodology:</b>	Quantitative Chemiluminescent Immunoassay	
<b>Specimen Required:</b>	<b>Patient Preparation:</b> Collect 1 timed specimen at 30 minutes.	
	<b>Collect:</b> Plasma separator tube or serum separator tube.	
	<b>Specimen Preparation:</b> Allow specimen to clot completely at room temperature. Separate serum or plasma from cells ASAP or within 2 hours of collection. Transfer 1 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.4 mL) Specimen must be labeled with time drawn.	
	<b>Storage/Transport Temperature:</b> Refrigerated.	
	<b>Stability:</b> After separation from cells: Ambient: 1 week; Refrigerated: 1 week; Frozen: 3 months	
<b>CPT Code(s):</b>	82533	
<b>0070033</b>	<b>Adrenocorticotrophic Hormone Stimulation, 60 Minutes</b>	<b>CORTISOL60</b>
<b>Methodology:</b>	Quantitative Chemiluminescent Immunoassay	
<b>Specimen Required:</b>	<b>Patient Preparation:</b> Collect 1 timed specimen at 60 minutes.	
	<b>Collect:</b> Plasma separator tube or serum separator tube.	
	<b>Specimen Preparation:</b> Allow specimen to clot completely at room temperature. Separate serum or plasma from cells ASAP or within 2 hours of collection. Transfer 1 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.4 mL) Specimen must be labeled with time drawn.	
	<b>Storage/Transport Temperature:</b> Refrigerated.	
	<b>Stability:</b> After separation from cells: Ambient: 1 week; Refrigerated: 1 week; Frozen: 3 months	
<b>CPT Code(s):</b>	82533	

<b>0060115</b>	<b>Aerobic Organism Identification</b>	<b>MC ORG</b>
<b>Methodology:</b>	Identification methods including Biochemical, MALDI TOF and/or 16S rDNA sequencing.	
<b>Specimen Required:</b>	<u>Collect:</u> Actively growing organism, in pure culture. <u>Specimen Preparation:</u> Transport sealed container with pure culture on agar slant or on a swab in bacterial transport media. <u>Storage/Transport Temperature:</u> Room temperature. Submit specimen according to Biological Substance, Category B, shipping guidelines. <u>Remarks:</u> Specimen source required. Indicate suspected pathogen. <u>Unacceptable Conditions:</u> Mixed cultures or non-viable organisms. <u>Stability:</u> Ambient: 1 week; Refrigerated: Unacceptable; Frozen: Unacceptable	
<b>CPT Code(s):</b>	87077 and/or 87153; CPT codes for identification vary based upon method.	
<b>0065070</b>	<b>Aerobic Organism Identification with Reflex to Susceptibility</b>	<b>MC ORGIS</b>
<b>Methodology:</b>	Identification methods including Biochemical, MALDI TOF and/or 16S rDNA sequencing.	
<b>Specimen Required:</b>	<u>Collect:</u> Actively growing organism, in pure culture. <u>Specimen Preparation:</u> Transport sealed container with pure culture on agar slant or on a swab in bacterial transport media. <u>Storage/Transport Temperature:</u> Room temperature. Submit specimen according to Biological Substance, Category B, shipping guidelines. <u>Remarks:</u> Specimen source required. Indicate suspected pathogen. <u>Unacceptable Conditions:</u> Mixed cultures or non-viable organisms. <u>Stability:</u> Ambient: 1 week; Refrigerated: Unacceptable; Frozen: Unacceptable	
<b>CPT Code(s):</b>	87077 and/or 87153; CPT codes for identification and susceptibility vary based on method.	
<b>0060152</b>	<b>AFB Culture (Includes AFB Stain 0060151)</b>	<b>MC AFB</b>
<b>Methodology:</b>	Standard reference procedures for stain and culture. Identification tests of AFB are ordered and billed separately. DNA probes are available for <i>M. tuberculosis</i> complex and <i>M. avium-intracellulare</i> complex as indicated. DNA sequencing and other molecular techniques are used for identification. For drug susceptibilities, refer to Antimicrobial Susceptibility - AFB Mycobacteria (ARUP test code 0060217).	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Recommended collection: Three sputum specimens at 8-24 hour intervals (24 hours when possible) and at least one first-morning specimen. <u>Collect:</u> Sputum. Also acceptable: Body fluid CSF, gastric aspirate, tissue, or urine. <u>Specimen Preparation:</u> <b>Gastric Aspirates:</b> Must be neutralized with sodium carbonate if transport is delayed for more than four hours. Transfer 5-10 mL to a sterile container (Min: 1 mL). <b>OR Sputum:</b> Transfer (for each collection) 10-15 mL to a sterile container. (Min: 1 mL) <b>OR Body Fluids or CSF:</b> Transfer 5 mL to a sterile container. (Min: 1 mL) <b>OR Urine:</b> Transfer at least 40 mL to a sterile container. (Min: 10 mL) <b>OR Tissue:</b> Transfer to a sterile container. (Min: Visible) Place each specimen in an individual, sealed bag. <u>Storage/Transport Temperature:</u> Refrigerated. Submit specimen according to Biological Substance, Category B, shipping guidelines. <u>Remarks:</u> Specimen source required. Acid fast stain will <b>NOT</b> be performed on stool specimens, CSF if less than 5 mL, or urine specimens if less than 40 mL. However, these specimens will be cultured. <u>Unacceptable Conditions:</u> Dry material or material collected and transported on a <b>SWAB</b> . <u>Stability:</u> Ambient: 24 hours; Refrigerated: 1 week; Frozen: 1 week	
<b>CPT Code(s):</b>	87116 Culture. CPT codes for identification and susceptibility vary based on method.	
<b>0060738</b>	<b>AFB Culture (Includes AFB Stain 0060151) with Reflex to <i>Mycobacterium tuberculosis</i> Amplified Direct Detection (0060095)</b>	<b>MC AFB</b>
<b>Methodology:</b>	Standard reference procedures for stain and culture. Identification tests of AFB are ordered and billed separately. DNA probes are available for <i>M. tuberculosis</i> complex and <i>M. avium-intracellulare</i> complex as indicated. DNA sequencing and other molecular techniques are used for identification. For drug susceptibilities, refer to Antimicrobial Susceptibility - AFB Mycobacteria (0060217).	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> 3 sputum specimens should be collected at 8-24 hour intervals (24 hours when possible) and should include at least one first-morning specimen. <u>Collect:</u> Respiratory specimen. <u>Specimen Preparation:</u> Transfer (for each collection) 10-15 mL respiratory specimen to a sterile container. (Min: 1 mL) <u>Storage/Transport Temperature:</u> Refrigerated. Submit specimen according to Biological Substance, Category B, shipping guidelines. <u>Remarks:</u> Specimen source required. <u>Unacceptable Conditions:</u> Multiple same-site specimens (more than one in 24 hours), dry material, or material collected and transported on a <b>SWAB</b> . Specimens other than respiratory. <u>Stability:</u> Ambient: Unacceptable; Refrigerated: 1 week; Frozen: 2 weeks	
<b>CPT Code(s):</b>	87116 Culture. CPT codes for identification and susceptibility vary based on method. If reflexed, add 87556 Amplified probe.	
<b>0060999</b>	<b>AFB Identification</b>	<b>MC AFBID</b>
<b>Methodology:</b>	Standard reference procedures for identification of AFB. DNA probes available for <i>M. tuberculosis</i> complex and <i>M. avium-intracellulare</i> complex. DNA sequencing and other molecular techniques are used for other mycobacteria species.	
<b>Specimen Required:</b>	<u>Collect:</u> Actively growing organism, in pure culture. <u>Specimen Preparation:</u> Transfer viable organism to sealed container. <u>Storage/Transport Temperature:</u> Room temperature. Submit specimen according to Infectious Substance, Category A, shipping guidelines. <u>Remarks:</u> Indicate source of organism and any other pertinent information: growth rate of the organism, DNA probe results. Probes can be performed directly from Middlebrook 7H9 broth. MGIT is not suitable for direct probe testing. <u>Unacceptable Conditions:</u> Mixed cultures or non-viable organisms. <b>Organisms submitted on an agar plate.</b> <u>Stability:</u> Ambient: 2 weeks; Refrigerated: 2 weeks; Frozen: 2 weeks	
<b>CPT Code(s):</b>	CPT codes for identification vary based on method.	
<b>0060997</b>	<b>AFB Identification with Reflex to Susceptibility</b>	<b>MC AFBIS</b>
<b>Methodology:</b>	Standard reference procedures for identification and susceptibility testing of AFB. DNA probes available for <i>M. tuberculosis</i> complex and <i>M. avium-intracellulare</i> complex. DNA sequencing and other molecular techniques are used for other mycobacteria species.	
<b>Specimen Required:</b>	<u>Collect:</u> Actively growing organism, in pure culture. <u>Specimen Preparation:</u> Transport viable organism in pure culture.	

Storage/Transport Temperature: Room temperature. Submit specimen according to Infectious Substance, Category A, shipping guidelines.

Remarks: Indicate source of organism and any other pertinent information: growth rate of the organism, DNA probe results.

Unacceptable Conditions: Mixed cultures or non-viable organisms. **Organisms submitted on agar plate.**

Stability: Ambient: 2 weeks; Refrigerated: 2 weeks; Frozen: 2 weeks

**CPT Code(s):** CPT codes for identification and susceptibility vary based on method.

<b>0060151</b>	<b>AFB Stain Only</b>	<b>MS AFB</b>
<b>Methodology:</b>	Auramine O Stain	
<b>Specimen Required:</b>	<u>Collect:</u> Sputum or other respiratory specimen. <u>Specimen Preparation:</u> Transfer 5-10 mL specimen to a sterile container (Min: 1 mL). Place each specimen in an individually sealed bag <u>Storage/Transport Temperature:</u> Refrigerated. Submit specimen according to Biological Substance, Category B, shipping guidelines. <u>Remarks:</u> Specimen source required. Studies have shown that an AFB stain without culture has a poor negative predictive value. An AFB culture request includes an AFB stain and has a much higher predictive value. <u>Unacceptable Conditions:</u> Non-respiratory specimens. Swabs from any sites. <u>Stability:</u> Ambient: 24 hours; Refrigerated: 1 week; Frozen: 2 weeks	
<b>CPT Code(s):</b>	87206 Acid-fast stain; 87015 Concentration	
<b>0020008</b>	<b>Alanine Aminotransferase, Serum or Plasma</b>	<b>ALT</b>
<b>Methodology:</b>	Quantitative Enzymatic	
<b>Specimen Required:</b>	<u>Collect:</u> Plasma separator tube or serum separator tube. <u>Specimen Preparation:</u> Allow serum tube to clot completely at room temperature. Separate serum or plasma from cells within 2 hours of collection. Transfer 1 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.2 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Sodium fluoride/potassium oxalate used as an anticoagulant. Hemolyzed specimens. Specimens containing cellular material. <u>Stability:</u> After separation from cells: Ambient: 24 hours; Refrigerated: 1 week; Frozen: 1 week	
<b>CPT Code(s):</b>	84460	
<b>0050024</b>	<b>Albumin, Body Fluid</b>	<b>ALB-BF</b>
<b>Methodology:</b>	Quantitative Nephelometry or Spectrophotometry	
<b>Specimen Required:</b>	<u>Collect:</u> Body fluid. <u>Specimen Preparation:</u> Centrifuge and separate to remove cellular material. Transfer 1 mL body fluid to an ARUP Standard Transport Tube. (Min: 0.2 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Remarks:</u> Indicate source on the test request form. <u>Unacceptable Conditions:</u> Contaminated or grossly hemolyzed specimens. Needle sent with specimen. <u>Stability:</u> After separation from cellular material: Ambient: 8 hours; Refrigerated: 8 days; Frozen: 1 month (avoid repeated freeze/thaw cycles)	
<b>CPT Code(s):</b>	82042	
<b>0050200</b>	<b>Albumin, CSF</b>	<b>ALB CSF</b>
<b>Methodology:</b>	Quantitative Nephelometry	
<b>Specimen Required:</b>	<u>Collect:</u> CSF. <u>Specimen Preparation:</u> Centrifuge and separate to remove cellular material. Transfer 1 mL CSF to an ARUP Standard Transport Tube. (Min: 0.3 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Grossly bloody, contaminated, or hemolyzed specimens. <u>Stability:</u> Ambient: 8 hours; Refrigerated: 8 days; Frozen: 1 year (if frozen within 24 hours) (avoid repeated freeze/thaw cycles)	
<b>CPT Code(s):</b>	82042	
<b>0080700</b>	<b>Albumin, Glycated</b>	<b>GLY ALB</b>
<b>Methodology:</b>	Quantitative Boronate Affinity Chromatography/Immunoturbidimetric	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube, lavender (EDTA), or pink (K <sub>2</sub> EDTA). <u>Specimen Preparation:</u> Transfer 1 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.4 mL) <u>Storage/Transport Temperature:</u> Frozen. <u>Stability:</u> After separation from cells: Ambient: 2 hours; Refrigerated: 8 days; Frozen: 3 months	
<b>CPT Code(s):</b>	82985	
<b>0050671</b>	<b>Albumin, Serum by Nephelometry</b>	<b>ALB N</b>
<b>Methodology:</b>	Quantitative Nephelometry	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.3 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Contaminated or hemolyzed specimens. <u>Stability:</u> After separation from cells: Ambient: 8 hours; Refrigerated: 8 days; Frozen: 1 year (if frozen within 24 hours)	
<b>CPT Code(s):</b>	82040	
<b>0020030</b>	<b>Albumin, Serum or Plasma by Spectrophotometry</b>	<b>ALB</b>
<b>Methodology:</b>	Quantitative Spectrophotometry	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube or plasma separator tube. <u>Specimen Preparation:</u> Allow serum tube to clot completely at room temperature. Separate serum or plasma from cells within 2 hours of collection. Transfer 1 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.2 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Stability:</u> After separation from cells: Ambient: 1 week; Refrigerated: 5 months; Frozen: 6 months	
<b>CPT Code(s):</b>	82040	

<b>0091312</b>	<b>Albuterol, Serum or Plasma</b>	<b>ALBUTEROL</b>
<b>Methodology:</b>	Quantitative High Performance Liquid Chromatography/Tandem Mass Spectrometry	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red. Also acceptable: gray (sodium fluoride/potassium oxalate), green (sodium heparin), or lavender (EDTA) or pink (K <sub>2</sub> EDTA). <u>Specimen Preparation:</u> Separate serum or plasma from cells within 2 hours. Transfer 3 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 1.2 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Separator tubes. <u>Stability:</u> Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 month	
<b>CPT Code(s):</b>	80299	
<b>0090131</b>	<b>Alcohols</b>	<b>ALCT</b>
<b>Methodology:</b>	Quantitative Gas Chromatography	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> For medical purposes only. <u>Collect:</u> Plain red. Also acceptable: Lavender (EDTA), pink (K <sub>2</sub> EDTA), or gray (sodium fluoride/potassium oxalate). <u>Specimen Preparation:</u> <b>Do not freeze whole blood.</b> Separate serum from cells within two hours of collection. Transfer 2 mL serum or plasma to a tightly-capped tube to minimize alcohol loss. (Min: 0.3 mL) Specimens collected in gray (sodium fluoride/potassium oxalate) may be transported in the original container. <u>Storage/Transport Temperature:</u> Refrigerated. <u>Stability:</u> After separation from cells: Ambient: 1 week (if tightly capped); Refrigerated: 2 weeks (if tightly capped); Frozen: 1 month (except whole blood)	
<b>CPT Code(s):</b>	84600	
<b>0020012</b>	<b>Aldolase, Serum</b>	<b>ALDOLASE</b>
<b>Methodology:</b>	Quantitative Enzymatic	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube. <u>Specimen Preparation:</u> Allow specimen to clot completely at room temperature. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Specimen types other than serum. Hemolyzed specimens. <u>Stability:</u> After separation from cells: Ambient: 8 hours; Refrigerated: 5 days; Frozen: 6 months	
<b>CPT Code(s):</b>	82085	
<b>0070016</b>	<b>Aldosterone 30 Minute</b>	<b>ALDO 30</b>
<b>Methodology:</b>	Quantitative Radioimmunoassay	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> If upright specimen is collected, patient should be seated or standing for at least 2 hours. <u>Collect:</u> Serum separator tube. <u>Specimen Preparation:</u> Transport 1 mL serum. (Min: 0.45 mL) Also acceptable: Heparinized plasma. <u>Storage/Transport Temperature:</u> Frozen. <u>Unacceptable Conditions:</u> EDTA plasma. <u>Stability:</u> Ambient: 4 hours; Refrigerated: 1 week; Frozen: 1 month	
<b>CPT Code(s):</b>	82088	
<b>0070017</b>	<b>Aldosterone 60 Minute</b>	<b>ALDO 60</b>
<b>Methodology:</b>	Quantitative Radioimmunoassay	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> If upright specimen is collected, patient should be seated or standing for at least 2 hours. <u>Collect:</u> Serum separator tube. <u>Specimen Preparation:</u> Transport 1 mL serum. (Min: 0.45 mL) Also acceptable: Heparinized plasma. <u>Storage/Transport Temperature:</u> Frozen. <u>Unacceptable Conditions:</u> EDTA plasma. <u>Stability:</u> Ambient: 4 hours; Refrigerated: 1 week; Frozen: 1 month	
<b>CPT Code(s):</b>	82088	
<b>2002582</b>	<b>Aldosterone &amp; Renin, Direct with Ratio</b>	<b>A/DR</b>
<b>Methodology:</b>	Quantitative Radioimmunoassay/Quantitative Immunoradiometric Assay/Calculation	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> <b>Supine:</b> 1. Both specimens should be obtained between 8 a.m. and 10 a.m. (after at least two hours in supine position); 2. Normal sodium diet (100-200 mEq/day) for at least three days; 3. Receiving no medications known to affect renin-aldosterone system. <b>Upright:</b> 1. Both specimens should be obtained before noon (after at least two hours in upright position; seated or standing). 2. Normal sodium diet (100-200 mEq/day) for at least three days. 3. Receiving no medications known to affect renin-aldosterone system. Contact Medical Director if more information is needed. <u>Collect:</u> Serum separator tube or green (sodium or lithium heparin) <b>AND</b> lavender (EDTA) or pink (K <sub>2</sub> EDTA). Do not collect in refrigerated tubes. <u>Specimen Preparation:</u> Separate from cells ASAP. Transfer 1 mL serum or heparinized plasma <b>AND</b> 2 mL EDTA plasma to individual ARUP Standard Transport Tubes and freeze immediately. (Min: 0.5 mL serum or heparinized plasma <b>AND</b> 1 mL EDTA plasma) <u>Storage/Transport Temperature:</u> <b>CRITICAL FROZEN. Separate specimens must be submitted when additional tests are ordered.</b> <u>Unacceptable Conditions:</u> Refrigerated plasma. Hemolyzed specimens. <u>Stability:</u> After separation from cells: Ambient: 4 hours; Refrigerated: Unacceptable; Frozen: 1 month	
<b>CPT Code(s):</b>	82088 Aldosterone; 84244 Renin, Direct	
<b>0070073</b>	<b>Aldosterone/Renin Activity Ratio</b>	<b>A/RA</b>
<b>Methodology:</b>	Quantitative Radioimmunoassay/Calculation	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> <b>Supine:</b> 1. Both specimens should be obtained between 8 a.m. and 10 a.m. (after at least two hours in supine position); 2. Normal sodium diet (100-200 mEq/day) for at least three days; 3. Receiving no medications known to affect renin-aldosterone system. <b>Upright:</b> 1. Both specimens should be obtained before noon (after at least two hours in upright position, seated or standing); 2. Normal sodium diet (100-200 mEq/day) for at least three days; 3. Receiving no medications known to affect renin-aldosterone system.	

Contact Medical Director if more information is needed.

Collect: Serum separator tube or green (sodium or lithium heparin) **AND** lavender (EDTA) or pink (K<sub>2</sub>EDTA). Do not collect in refrigerated tubes.

Specimen Preparation: Separate from cells ASAP. Transfer 1 mL serum or heparinized plasma **AND** 2 mL EDTA plasma to individual ARUP Standard Transport Tubes and freeze immediately. (Min: 0.5 mL serum or heparinized plasma **AND** 1.2 mL EDTA plasma)

Storage/Transport Temperature: **CRITICAL FROZEN. Separate specimens must be submitted when additional tests are ordered.**

Unacceptable Conditions: Refrigerated plasma. Hemolyzed specimens.

Stability: After separation from cells: Ambient: 4 hours; Refrigerated: Unacceptable; Frozen: 1 month

CPT Code(s): 82088 Aldosterone, 84244 Renin activity

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**0070015 Aldosterone, Serum ALDOST**  
**Methodology:** Quantitative Radioimmunoassay  
**Specimen Required:** Patient Preparation: If upright specimen is collected, patient should be seated or standing for at least 2 hours.  
Collect: Serum separator tube.  
Specimen Preparation: Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL) Also acceptable: Heparinized plasma.  
Storage/Transport Temperature: Frozen.  
Unacceptable Conditions: EDTA plasma.  
Stability: After separation from cells: Ambient: 4 hours; Refrigerated: 1 week; Frozen: 1 month  
CPT Code(s): 82088

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**0070480 Aldosterone, Urine ALDO U**  
**Methodology:** Quantitative Radioimmunoassay  
**Specimen Required:** Collect: 24-hour urine. Urine must be refrigerated during collection.  
Specimen Preparation: Add 1 g boric acid per 100 mL urine. Transfer 4 mL aliquot of urine from a 24-hour collection to an ARUP Standard Transport Tube. (Min: 0.5 mL) Record total volume and collection time interval on transport tube and test request form. Also acceptable: Preserved urine if the pH of the specimen is adjusted to 2-4 with 6M HCl or 50 percent acetic acid or unpreserved urine if frozen immediately after collection.  
Storage/Transport Temperature: Frozen. Also acceptable: Refrigerated, if preserved with HCl or acetic acid.  
Stability: Ambient: 2 hours; Refrigerated (with preservative): 1 week; Frozen: 1 month  
CPT Code(s): 82088

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**0021020 Alkaline Phosphatase Isoenzymes ALKP-ISO**  
**Methodology:** Quantitative Heat Inactivation/Enzymatic  
**Specimen Required:** Collect: Serum separator tube or green (sodium or lithium heparin).  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 2 mL serum or plasma to an ARUP Standard Transport Tube and refrigerate or freeze immediately. (Min: 1 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Specimens collected in EDTA, sodium fluoride, or potassium oxalate. Grossly hemolyzed or lipemic specimens.  
Stability: After separation from cells: Ambient: 1 hour; Refrigerated: 1 week (total activity will increase 2% per day); Frozen: 1 year  
CPT Code(s): 84075 ALKP total; 84080 ALKP isoenzymes

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**0020005 Alkaline Phosphatase, Serum or Plasma ALKP**  
**Methodology:** Quantitative Enzymatic  
**Specimen Required:** Collect: Plasma separator tube or serum separator tube.  
Specimen Preparation: Allow serum tube to clot completely at room temperature. Separate serum or plasma from cells within 2 hours of collection. Transfer 1 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.2 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Specimens collected in EDTA or sodium fluoride/potassium oxalate. Grossly hemolyzed specimens.  
Stability: After separation from cells: Ambient: 1 week; Refrigerated: 1 week; Frozen: 2 months  
CPT Code(s): 84075

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**0055421 Allergen, Drugs, Amoxicillin AMOXICIL**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0055422 Allergen, Drugs, Ampicillin AMPICIL**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0099628 Allergen, Drugs, Penicillin G (major) PENICIL G**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0099629 Allergen, Drugs, Penicillin V (minor) PENICIL V**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0099544 Allergen, Epidermals & Animal Proteins, Rabbit Epithelium RABBIT EPI**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0099635 Allergen, Epidermals and Animal Proteins, Australian Parrot Droppings IgE PARROT DRP**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Collect: Plain red or serum separator tube.

Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)

Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s): 86003

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**0099714 Allergen, Epidermals & Animal Proteins, Budgerigar Droppings (Parakeet) PARA DROP**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0055006 Allergen, Epidermals & Animal Proteins, Cat Dander CATEPI**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0055378 Allergen, Epidermals & Animal Proteins, Chicken Feathers CHICKFEATH**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0055044 Allergen, Epidermals & Animal Proteins, Cow Hair & Dander COW H/D**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
86003

CPT Code(s):

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**0099568 Allergen, Epidermals & Animal Proteins, Dog Dander DOG DANDER**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**2003300 Allergen, Epidermals and Animal Proteins, Duck Feathers IgE DUCKFEATH**  
**Methodology:** Quantitative ImmunoCAP FEIA - IgE  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year  
CPT Code(s): 86003

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**0055037 Allergen, Epidermals and Animal Proteins, Feather Mix FEATHER**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0055188 Allergen, Epidermals and Animal Proteins, Goat Epithelium IgE GOAT EPI**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year  
CPT Code(s): 86003

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**0055177 Allergen, Epidermals & Animal Proteins, Goose Feathers GOOSE FEAT**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0055190 Allergen, Epidermals and Animal Proteins, Guinea Pig Epithelium IgE G PIG EPI**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year  
CPT Code(s): 86003

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**0055189 Allergen, Epidermals & Animal Proteins, Hamster Epithelium HAMPST EPI**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0055059 Allergen, Epidermals & Animal Proteins, Horse Hair & Dander HORSE**  
**Methodology:** ImmunoCAP®Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

**0055191 Allergen, Epidermals & Animal Proteins, Mouse Epithelium MOUSE EPI**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

**0055192 Allergen, Epidermals and Animal Proteins, Mouse Urine IgE MOUSE U**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Collect: Plain red or serum separator tube.

Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)

Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s):

86003

**0055193 Allergen, Epidermals & Animal Proteins, Parakeet Feathers (Budgerigar) PARAK FTHR**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

**0099650 Allergen, Epidermals & Animal Proteins, Parrot Feathers PARROT FTH**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

**0055195 Allergen, Epidermals and Animal Proteins, Pig (Swine) Epithelium IgE PIG EPI**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Collect: Plain red or serum separator tube.

Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)

Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s):

86003

**0055196 Allergen, Epidermals and Animal Proteins, Pigeon Stools IgE PIGEON STL**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Collect: Plain red or serum separator tube.

Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)

Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s):

86003

**0055197 Allergen, Epidermals and Animal Proteins, Rat Epithelium IgE RAT EPI**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Collect: Plain red or serum separator tube.

Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)

Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s):

86003

**0055198 Allergen, Epidermals and Animal Proteins, Rat Urine IgE RAT URINE**

<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0055199</b>	<b>Allergen, Epidermals &amp; Animal Proteins, Sheep Epithelium/Wool</b>	<b>SHEEP EPI</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0099577</b>	<b>Allergen, Food, Almond</b>	<b>ALMOND</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0090284</b>	<b>Allergen, Food, Almond IgG</b>	<b>ALMOND IGG</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube or plain red. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.2 mL) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> <u>Stability:</u> Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year	
<b>CPT Code(s):</b>	86001	
<b>0099543</b>	<b>Allergen, Food, Alpha-Lactalbumin</b>	<b>ALPHA-LACT</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0093498</b>	<b>Allergen, Food, Anchovy IgE</b>	<b>ANCHOVY</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0099632</b>	<b>Allergen, Food, Apple</b>	<b>APPLE</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0055423</b>	<b>Allergen, Food, Apricot</b>	<b>APRICOT</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens.	

CPT Code(s): Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
86003

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**0098873 Allergen, Food, Asparagus IgE ASPARAGUS**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year  
CPT Code(s): 86003

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**0099695 Allergen, Food, Avocado AVOCADO**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0055079 Allergen, Food, Baker's Yeast/Brewer's Yeast BAKE YEAST**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0097706 Allergen, Food, Baker's Yeast IgG YEAST IGG**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year  
CPT Code(s): 86001

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**0099634 Allergen, Food, Banana BANANA**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0090286 Allergen, Food, Banana IgG BANANA IGG**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year  
CPT Code(s): 86001

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**0055056 Allergen, Food, Barley BARLEY**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0097707 Allergen, Food, Barley IgG BARLEY IGG**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)

Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s): 86001

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**0093496 Allergen, Food, Basil IgE BASIL**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Collect: Plain red or serum separator tube.

Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)

Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s): 86003

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**0099692 Allergen, Food, Bass Black IgE BASS**

**Methodology:** Quantitative Conventional RAST

**Specimen Required:** Collect: Plain red or serum separator tube.

Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)

Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s): 86003

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**0093494 Allergen, Food, Bay Leaf IgE BAY LEAF**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Collect: Plain red or serum separator tube.

Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)

Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s): 86003

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**0055096 Allergen, Food, Beef BEEF**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0097708 Allergen, Food, Beef IgG BEEF IGG**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Collect: Plain red or serum separator tube.

Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)

Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s): 86001

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**0055002 Allergen, Food, Bell Pepper/Paprika BELL**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0055074 Allergen, Food, Beta-lactoglobulin BETA-LACT**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0055424 Allergen, Food, Black Pepper BK PEPPER**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0055425 Allergen, Food, Blue Mussel MUSSEL**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0055426 Allergen, Food, Blueberry BLUEBERRY**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0099574 Allergen, Food, Brazil Nut BRAZIL NUT**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0098531 Allergen, Food, Broccoli BROCCOLI**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0092597 Allergen, Food, Buckwheat IgE (*Fagopyrum esculentum*) BUCKWH IGE**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum to an ARUP Standard Transport Tube.

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0055094 Allergen, Food, Cabbage CABBAGE**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**2001903 Allergen, Food, Caraway Seed IgE CARAWAY**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Collect: Plain red or serum separator tube.

Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)

Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s): 86003

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**2001905 Allergen, Food, Cardamom Seed IgE CARD SEED**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year  
CPT Code(s): 86003

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**2001907 Allergen, Food, Carob Gum/Locust Bean IgE CAROB GUM**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year  
CPT Code(s): 86003

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**0055005 Allergen, Food, Carrot CARROT**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0055081 Allergen, Food, Casein CASEIN**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0097653 Allergen, Food, Casein (Cow's Milk) IgG CASEIN IGG**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Serum separator tube.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.2 mL/allergen)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86001

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**0099573 Allergen, Food, Cashew CASHEW**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0097629 Allergen, Food, Catfish CATFISH**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0099054 Allergen, Food, Celery CELERY**  
**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

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**0099583 Allergen, Food, Cheese, Cheddar** **CHEDDAR**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

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**0099593 Allergen, Food, Cheese Mold** **CHEESEMOLD**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

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**0099466 Allergen, Food, Cherry** **CHERRY**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

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**0055254 Allergen, Food, Chestnut** **CHESTNUT**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

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**0055008 Allergen, Food, Chicken** **CHICK**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

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**0097656 Allergen, Food, Chicken IgG** **CHICK IGG**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Collect: Plain red or serum separator tube.

Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)

Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s):

86001

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**0055200 Allergen, Food, Chickpea (Garbanzo Bean)** **CHICKPEA**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each

additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0055428 Allergen, Food, Chili Pepper CHILI PEP**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0099642 Allergen, Food, Chocolate CHOCOLATE**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0097657 Allergen, Food, Chocolate IgG CHOCO IGG**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s): 86001

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**0098876 Allergen, Food, Cinnamon CINNAMON**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0099488 Allergen, Food, Clam CLAM**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0098875 Allergen, Food, Clove IgE CLOVE**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s): 86003

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**0099473 Allergen, Food, Coconut COCONUT**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

<b>0055036</b>	<b>Allergen, Food, Codfish</b>	<b>COD</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0099757</b>	<b>Allergen, Food, Coffee</b>	<b>COFFEE</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0097302</b>	<b>Allergen, Food, Coffee IgG</b>	<b>COFFEE IGG</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year	
<b>CPT Code(s):</b>	86001	
<b>0055078</b>	<b>Allergen, Food, Corn</b>	<b>CORN</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0097658</b>	<b>Allergen, Food, Corn IgG</b>	<b>CORN IGG</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.2 mL/allergen) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86001	
<b>0055011</b>	<b>Allergen, Food, Crab</b>	<b>CRAB</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0098874</b>	<b>Allergen, Food, Cranberry IgE</b>	<b>CRANBERRY</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0097637</b>	<b>Allergen, Food, Crayfish</b>	<b>CRAY IGE</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each	

additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0098868 Allergen, Food, Cucumber CUCUMBER**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**2001909 Allergen, Food, Currant Red, IgE CURRANT**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Collect: Serum separator tube or plain red.

Specimen Preparation: Separate serum from cells within 10 minutes. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)

Storage/Transport Temperature: Room temperature.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s): 86003

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**0093492 Allergen, Food, Dill IgE DILL**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Collect: Plain red or serum separator tube.

Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)

Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s): 86003

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**0097639 Allergen, Food, Eel IgE EEL IGE**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Collect: Plain red or serum separator tube.

Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)

Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s): 86003

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**0055013 Allergen, Food, Egg White EGG**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0097659 Allergen, Food, Egg White IgG EGG IGG**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Collect: Serum separator tube.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.2 mL/allergen)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86001

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**0055381 Allergen, Food, Egg Whole EGGWHOLE**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0055212 Allergen, Food, Egg Yolk EGG YOLK**

**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
**CPT Code(s):** 86003

**0097315 Allergen, Food, Egg Yolk IgG EGGYOLKIGG**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year  
**CPT Code(s):** 86001

**0055432 Allergen, Food, Eggplant EGGPLANT**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
**CPT Code(s):** 86003

**0093490 Allergen, Food, Fennel, Fresh IgE FENNEL FR**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year  
**CPT Code(s):** 86003

**2003298 Allergen, Food, Flaxseed/Linseed IgE FLAX**  
**Methodology:** Quantitative ImmunoCAP FEIA - IgE  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year  
**CPT Code(s):** 86003

**0099739 Allergen, Food, Flounder (plaice) FLOUNDER**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
**CPT Code(s):** 86003

**0099479 Allergen, Food, Garlic GARLIC**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
**CPT Code(s):** 86003

**0090287 Allergen, Food, Garlic IgG GARLIC IGG**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year  
**CPT Code(s):** 86001

<b>2001911</b>	<b>Allergen, Food, Gelatin Bovine IgE</b>	<b>GEL BOVINE</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>2001913</b>	<b>Allergen, Food, Gelatin Porcine IgE</b>	<b>GEL PORC</b>
<b>Methodology:</b>	Quantitative Conventional RAST	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0098865</b>	<b>Allergen, Food, Ginger</b>	<b>GINGER</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0099569</b>	<b>Allergen, Food, Gluten</b>	<b>GLUTEN</b>
<b>Methodology:</b>	Qualitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0090289</b>	<b>Allergen, Food, Gluten IgG</b>	<b>GLUTEN IGG</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year	
<b>CPT Code(s):</b>	86001	
<b>0055015</b>	<b>Allergen, Food, Grape</b>	<b>GRAPE</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0099641</b>	<b>Allergen, Food, Grapefruit</b>	<b>GRAPEFRUIT</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0099649</b>	<b>Allergen, Food, Green Bean (string)</b>	<b>STRINGBEAN</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered)	

Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

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**2001917 Allergen, Food, Gum Guar IgE GUM GUAR**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s):

86003

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**0098864 Allergen, Food, Haddock HADDOCK**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

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**0098516 Allergen, Food, Halibut HALIBUT**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

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**0098617 Allergen, Food, Hazelnut (Filbert) HAZELNUT**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

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**0097631 Allergen, Food, Herring IgE HERRIN IGE**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s):

86003

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**0055435 Allergen, Food, Honeydew Melon/Cantaloupe HONEY DEW**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

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**0055436 Allergen, Food, Hops HOPS**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

<b>0055440</b>	<b>Allergen, Food, Kidney Bean</b>	<b>KIDNEYBEAN</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0055203</b>	<b>Allergen, Food, Kiwi</b>	<b>KIWI</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0099631</b>	<b>Allergen, Food, Lamb</b>	<b>LAMB</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0098270</b>	<b>Allergen, Food, Lemon</b>	<b>LEMON</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0099659</b>	<b>Allergen, Food, Lentil</b>	<b>LENTIL</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0055019</b>	<b>Allergen, Food, Lettuce</b>	<b>LETTUCE</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0097651</b>	<b>Allergen, Food, Lettuce IgG</b>	<b>LETT IGG</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year	
<b>CPT Code(s):</b>	86001	
<b>0099766</b>	<b>Allergen, Food, Lima Bean/White Bean</b>	<b>LIMA BEAN</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided.	

Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

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**0098271 Allergen, Food, Lime LIME**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

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**0099062 Allergen, Food, Lobster LOBSTER**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

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**0093246 Allergen, Food, Macadamia Nut IgE MACADA NUT**

**Methodology:** Quantitative ImmunoCAP® FEIA

**Specimen Required:** Collect: Plain red or serum separator tube.

Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)

Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s):

86003

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**0098474 Allergen, Food, Mackerel MACKEREL**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

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**0099744 Allergen, Food, Malt MALT**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

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**0097652 Allergen, Food, Malt IgG MALT IGG**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Collect: Plain red or serum separator tube.

Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)

Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s):

86001

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**0055204 Allergen, Food, Mango MANGO**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

<b>CPT Code(s):</b>	<u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year 86003	
<b>0055020</b>	<b>Allergen, Food, Milk (Cow's)</b>	<b>MILK</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens.	
<b>CPT Code(s):</b>	<u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year 86003	
<b>0099770</b>	<b>Allergen, Food, Mushroom</b>	<b>MUSHROOM</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens.	
<b>CPT Code(s):</b>	<u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year 86003	
<b>0097299</b>	<b>Allergen, Food, Mushroom IgG</b>	<b>MUSH IGG</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens.	
<b>CPT Code(s):</b>	<u>Stability:</u> Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year 86001	
<b>0055443</b>	<b>Allergen, Food, Mustard</b>	<b>MUSTARD</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens.	
<b>CPT Code(s):</b>	<u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year 86003	
<b>0055022</b>	<b>Allergen, Food, Navy Bean</b>	<b>NAVY</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens.	
<b>CPT Code(s):</b>	<u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year 86003	
<b>0093502</b>	<b>Allergen, Food, Nutmeg IgE</b>	<b>NUTMEG</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens.	
<b>CPT Code(s):</b>	<u>Stability:</u> Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year 86003	
<b>0055040</b>	<b>Allergen, Food, Oat</b>	<b>OAT</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens.	
<b>CPT Code(s):</b>	<u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year 86003	
<b>0097654</b>	<b>Allergen, Food, Oat IgG</b>	<b>OAT IGG</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	

<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.2 mL/allergen) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86001	
<b>2001919</b>	<b>Allergen, Food, Octopus IgE</b>	<b>OCTOPUS</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0055214</b>	<b>Allergen, Food, Olive IgG</b>	<b>OLIVE</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year	
<b>CPT Code(s):</b>	86001	
<b>0099474</b>	<b>Allergen, Food, Onion</b>	<b>ONION</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	<b>86003</b>	
<b>0097306</b>	<b>Allergen, Food, Onion IgG</b>	<b>ONION IGG</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year	
<b>CPT Code(s):</b>	86001	
<b>0055023</b>	<b>Allergen, Food, Orange</b>	<b>ORANGE</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0097647</b>	<b>Allergen, Food, Orange IgG</b>	<b>ORANGE IGG</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year	
<b>CPT Code(s):</b>	86001	
<b>0093500</b>	<b>Allergen, Food, Oregano IgE</b>	<b>OREGANO</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0098862</b>	<b>Allergen, Food, Orris Root IgE</b>	<b>ORRIS</b>
<b>Methodology:</b>	Quantitative Conventional RAST	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube.	

Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)

Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s): 86003

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**0099638 Allergen, Food, Oyster OYSTER**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0055250 Allergen, Food, Papaya PAPAYA**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0099492 Allergen, Food, Parsley PARSLEY**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0099895 Allergen, Food, Pea PEA**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0099582 Allergen, Food, Peach PEACH**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0055024 Allergen, Food, Peanut PEANUT**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0097648 Allergen, Food, Peanut IgG PEANUT IGG**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Serum separator tube.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.2 mL/allergen)  
Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
86001

CPT Code(s):

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**0055207 Allergen, Food, Pear PEAR**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
86003

CPT Code(s):

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**0099572 Allergen, Food, Pecan PECAN**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
86003

CPT Code(s):

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**0099687 Allergen, Food, Perch IgE PERCH**  
**Methodology:** Quantitative Conventional RAST  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year  
86003

CPT Code(s):

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**0055445 Allergen, Food, Pine (Pinon) Nut PINON NUT**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
86003

CPT Code(s):

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**0099477 Allergen, Food, Pineapple PINEAPPLE**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
86003

CPT Code(s):

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**0055447 Allergen, Food, Pistachio PISTACHIO**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
86003

CPT Code(s):

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**0055448 Allergen, Food, Plum PLUM**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
86003

CPT Code(s):

<b>009858</b>	<b>Allergen, Food, Poppy Seed</b>	<b>POPPY</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0099780</b>	<b>Allergen, Food, Pork</b>	<b>PORK</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0097649</b>	<b>Allergen, Food, Pork IgG</b>	<b>PORK IGG</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year	
<b>CPT Code(s):</b>	86001	
<b>0055051</b>	<b>Allergen, Food, Potato</b>	<b>POTATO</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0097641</b>	<b>Allergen, Food, Potato IgG</b>	<b>POTATO IGG</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year	
<b>CPT Code(s):</b>	86001	
<b>2001921</b>	<b>Allergen, Food, Pumpkin Seed IgE</b>	<b>PUMPKIN</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0099493</b>	<b>Allergen, Food, Raspberry</b>	<b>RASPBERRY</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>2001923</b>	<b>Allergen, Food, Red Dye/Carmine (Red 4) IgE</b>	<b>RED DYE</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens.	

CPT Code(s): Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year  
86003

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**0097628 Allergen, Food, Red Snapper IgE RED SNAP**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year  
CPT Code(s): 86003

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**0055054 Allergen, Food, Rice RICE**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0097323 Allergen, Food, Rice IgG RICE IGG**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year  
CPT Code(s): 86001

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**2001925 Allergen, Food, Rosemary IgE ROSEMARY**  
**Methodology:** Quantitative Conventional RAST  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year  
CPT Code(s): 86003

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**0055026 Allergen, Food, Rye RYE**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0097642 Allergen, Food, Rye IgG RYE IGG**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year  
CPT Code(s): 86001

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**0093514 Allergen, Food, Sage IgE SAGE IGE**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year  
CPT Code(s): 86003

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**0099680 Allergen, Food, Salmon SALMON**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

<b>CPT Code(s):</b>	<u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year 86003	
<b>0097638</b>	<b>Allergen, Food, Sardine IgE</b>	<b>SARDIN IGE</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0099495</b>	<b>Allergen, Food, Scallop</b>	<b>SCALLOP</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0099698</b>	<b>Allergen, Food, Sesame Seed</b>	<b>SESAME</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0055030</b>	<b>Allergen, Food, Shrimp</b>	<b>SHRIMP</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0093512</b>	<b>Allergen, Food, Sole IgE</b>	<b>SOLE</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0055031</b>	<b>Allergen, Food, Soybean</b>	<b>SOY</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0097643</b>	<b>Allergen, Food, Soybean IgG</b>	<b>SOY IGG</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum at to an ARUP Standard Transport Tube. (Min: 0.2 mL/allergen) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86001	
<b>0055208</b>	<b>Allergen, Food, Spinach</b>	<b>SPINACH</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided.	

Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

**0097632 Allergen, Food, Squid IgE SQUID IGE**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Collect: Plain red or serum separator tube.

Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)

Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s):

86003

**0099639 Allergen, Food, Strawberry STRAWBERRY**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

**0098645 Allergen, Food, Sugar Beet IgE SUGARBEET**

**Methodology:** Quantitative Conventional RAST

**Specimen Required:** Collect: Plain red or serum separator tube.

Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)

Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s):

86003

**0097911 Allergen, Food, Sugar Cane IgG SUGAR IGG4**

**Methodology:** Enzyme Immunoassay

**Specimen Required:** Collect: Plain red or serum separator tube.

Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)

Storage/Transport Temperature: Room temperature.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s):

86001

**0099736 Allergen, Food, Sugarcane IgE SUGARCANE**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Collect: Plain red or serum separator tube.

Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)

Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s):

86003

**0099122 Allergen, Food, Summer Squash IgE SQUASH SUM**

**Methodology:** Quantitative Conventional RAST

**Specimen Required:** Collect: Plain red or serum separator tube.

Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)

Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s):

86003

**0097326 Allergen, Food, Sweet Potato SWTPOTATO**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

**0097633 Allergen, Food, Swordfish IgE SWORD IGE**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Collect: Plain red or serum separator tube.

Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)

Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s): 86003

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**0055451 Allergen, Food, Tea TEA**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0093510 Allergen, Food, Thyme IgE THYME**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year  
CPT Code(s): 86003

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**2003296 Allergen, Food, Tilapia IgE TILAPIA**  
**Methodology:** Quantitative ImmunoCAP FEIA - IgE  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year  
CPT Code(s): 86003

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**0055033 Allergen, Food, Tomato TOMATO**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0099727 Allergen, Food, Trout TROUT**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0055062 Allergen, Food, Tuna TUNA**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0099627 Allergen, Food, Turkey TURKEY**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

<b>0055452</b>	<b>Allergen, Food, Vanilla</b>	<b>VANILLA</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0055209</b>	<b>Allergen, Food, Walnut/Black Walnut</b>	<b>WALNUT ENG</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0055157</b>	<b>Allergen, Food, Watermelon</b>	<b>WATERME</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0055034</b>	<b>Allergen, Food, Wheat</b>	<b>WHEAT</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0097636</b>	<b>Allergen, Food, Wheat IgG</b>	<b>WHEAT IGG</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.2 mL/allergen) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86001	
<b>0055453</b>	<b>Allergen, Food, Whey</b>	<b>WHEY</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0090291</b>	<b>Allergen, Food, Whey IgG</b>	<b>WHEY IGG</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year	
<b>CPT Code(s):</b>	86001	
<b>0097634</b>	<b>Allergen, Food, Whitefish IgE</b>	<b>WFISH</b>
<b>Methodology:</b>	Quantitative Phadia ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube.	

	<u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0097325</b>	<b>Allergen, Food, Yam IgE</b>	<b>YAM</b>
<b>Methodology:</b>	Quantitative Conventional RAST	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0099134</b>	<b>Allergen, Food, Zucchini IgE</b>	<b>ZUCCHINI</b>
<b>Methodology:</b>	Quantitative Conventional RAST	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0050147</b>	<b>Allergen, Fungi &amp; Molds, <i>Trichophyton mentagrophytes</i>, interdigitale variant</b>	<b>TRICOPHYT</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0055001</b>	<b>Allergen, Fungi &amp; Molds, <i>Alternaria alternata</i> (tenuis)</b>	<b>ALTER</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0097773</b>	<b>Allergen, Fungi and Molds, <i>Alternaria tenuis</i> IgG</b>	<b>ALTER IGG</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year	
<b>CPT Code(s):</b>	86671	
<b>0055061</b>	<b>Allergen, Fungi &amp; Molds, <i>Aspergillus fumigatus</i></b>	<b>ASP RAST</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0092598</b>	<b>Allergen, Fungi and Molds, <i>Aspergillus niger</i> IgE</b>	<b>ASPNI G IGE</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0055383</b>	<b>Allergen, Fungi &amp; Molds, <i>Aureobasidium pullulans</i></b>	<b>AUREOBASID</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided.	

Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

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**0097305 Allergen, Fungi and Molds, *Aureobasidium pullulans* IgG AUREO IGG**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Collect: Plain red or serum separator tube.

Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)

Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s):

86671

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**2004670 Allergen, Fungi & Molds, *Botrytis cinerea* BOTRYTIS**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Collect: Serum separator tube. Multiple specimen draws should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

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**0055004 Allergen, Fungi & Molds, *Candida albicans* CAN RAST**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

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**0097304 Allergen, Fungi and Molds, *Candida Albicans* IgG CANDIDAIGG**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Collect: Plain red or serum separator tube.

Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)

Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s):

86671

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**0098522 Allergen, Fungi & Molds, *Cephalosporium* CEPHALOSPO**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

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**0097314 Allergen, Fungi and Molds, *Cladosporium* IgG CLADO IGG**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Collect: Plain red or serum separator tube.

Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)

Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s):

86671

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**0055377 Allergen, Fungi & Molds, *Curvularia lunata* CURVULARIA**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

<b>0099599</b>	<b>Allergen, Fungi &amp; Molds, <i>Epicoccum</i></b>	<b>EPICOCCUM</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0055376</b>	<b>Allergen, Fungi &amp; Molds, <i>Fusarium moniliforme</i></b>	<b>FUSARIUMMO</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0093454</b>	<b>Allergen, Fungi and Molds, <i>Fusarium proliferatum/moniliforme</i> IgG</b>	<b>FUS M IGG</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year	
<b>CPT Code(s):</b>	86001-90	
<b>0097313</b>	<b>Allergen, Fungi and Molds, <i>Helminth setomelanomma rostrata/halodes</i> IgG</b>	<b>HELMINIGG</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year	
<b>CPT Code(s):</b>	86671	
<b>0099541</b>	<b>Allergen, Fungi &amp; Molds, <i>Helminthosporium</i></b>	<b>HELMIN</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0055038</b>	<b>Allergen, Fungi &amp; Molds, <i>Hormodendrum (Cladosporium)</i></b>	<b>HORMO</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0055442</b>	<b>Allergen, Fungi &amp; Molds, <i>Mucor racemosus</i></b>	<b>MUCOR RAC</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0097316</b>	<b>Allergen, Fungi and Molds, <i>Mucor racemosus</i> IgG</b>	<b>MUCOR IGG</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen.	

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s): 86671

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**0097310 Allergen, Fungi and Molds, *Penicillium chrysogenum/notatum* IgG PENI N IGG**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year  
CPT Code(s): 86671

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**0055080 Allergen, Fungi & Molds, *Penicillium notatum* PENICIL**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0055390 Allergen, Fungi & Molds, *Phoma betae* PHOMA**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0097309 Allergen, Fungi and Molds, *Phoma betae* IgG PHOMAB IGG**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year  
CPT Code(s): 86671

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**0099555 Allergen, Fungi & Molds, *Rhizopus nigricans* RHIZOPUS**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0097307 Allergen, Fungi and Molds, *Rhizopus nigricans* IgG RHIZO IGG**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year  
CPT Code(s): 86671

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**0050357 Allergen, Fungi & Molds, *Stemphylium botryosum* STEMPHYLIU**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003 per allergen tested

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**0099551 Allergen, Fungi and Molds, *Stemphylium solani* IgE STEMPH**  
**Methodology:** Quantitative Conventional RAST  
**Specimen Required:** Collect: Plain red or serum separator tube.

Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)

Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s): 86003

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**0090393 Allergen, Fungi and Molds, *Trichophyton rubrum* IgG TRICHO IGG**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Collect: Plain red or serum separator tube.

Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)

Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s): 86671

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**0099901 Allergen, Grass, Alfalfa ALFALFA**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0055151 Allergen, Grass, Bahia BAHIA**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0098644 Allergen, Grass, Barley Pollen, Cultivated IgE BARLEY POL**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Collect: Plain red or serum separator tube.

Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)

Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s): 86003

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**0055057 Allergen, Grass, Bent Grass/Redtop Grass BENT GRASS**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0055070 Allergen, Grass, Bermuda BERMUDA**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0099774 Allergen, Grass, Brome Grass BROMEGRASS**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

<b>0050536</b>	<b>Allergen, Grass, Canary Grass</b>	<b>CANARY</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0098641</b>	<b>Allergen, Grass, Cultivated Corn Pollen</b>	<b>CORN POL</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0050533</b>	<b>Allergen, Grass, Cultivated Oat Pollen</b>	<b>CUL OAT</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0098642</b>	<b>Allergen, Grass, Cultivated Wheat Pollen</b>	<b>WHEAT POL</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0055047</b>	<b>Allergen, Grass, Johnson Grass</b>	<b>JOHN</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0055017</b>	<b>Allergen, Grass, June Grass/Kentucky Bluegrass</b>	<b>JUNE</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0055053</b>	<b>Allergen, Grass, Meadow Fescue</b>	<b>MEADOW</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	

<b>0055052</b>	<b>Allergen, Grass, Orchard Grass/Cocksfoot</b>	<b>ORCHARD</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0055028</b>	<b>Allergen, Grass, Perennial Rye Grass</b>	<b>RYEGRASS</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0055184</b>	<b>Allergen, Grass, Reed Pollen, Common IgE</b>	<b>REED POL</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0098470</b>	<b>Allergen, Grass, Salt Grass</b>	<b>SALT GRASS</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0099667</b>	<b>Allergen, Grass, Sweet Vernal Grass</b>	<b>VERNAL</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0055032</b>	<b>Allergen, Grass, Timothy Grass</b>	<b>TIM</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0055091</b>	<b>Allergen, House Dust Greer</b>	<b>HOUSEGREER</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0055092</b>	<b>Allergen, House Dust Stier</b>	<b>HOUSESTIER</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided.	

Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

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**0055210 Allergen, Insect, Mosquito, IgE MOSQUITO**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s):

86003

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**0050151 Allergen, Insects & Venom, Cockroach, American COCKROAAM**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

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**0055088 Allergen, Insects & Venom, Cockroach, German COCKROACH**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

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**0098272 Allergen, Insects & Venom, Fire Ant, Imported FIRE ANT**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

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**0055400 Allergen, Insects and Venom, Honeybee IgG HON B IGG**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s):

86001

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**0055039 Allergen, Insects & Venom, Honeybee Venom HONEY**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

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**0055048 Allergen, Insects & Venom, Paper Wasp WASP PAPER**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

<b>CPT Code(s):</b>	<u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year 86003	
<b>0055415</b>	<b>Allergen, Insects and Venom, Paper Wasp IgG</b>	<b>PAP-W IGG</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year	
<b>CPT Code(s):</b>	86001	
<b>0055405</b>	<b>Allergen, Insects and Venom, White-Faced Hornet IgG</b>	<b>WH F IGG</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year	
<b>CPT Code(s):</b>	86001	
<b>0055046</b>	<b>Allergen, Insects &amp; Venom, White-Faced Hornet</b>	<b>HORNET WF</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0055420</b>	<b>Allergen, Insects and Venom, Yellow-Faced Hornet IgG</b>	<b>YE F IGG</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year	
<b>CPT Code(s):</b>	86001	
<b>0055410</b>	<b>Allergen, Insects and Venom, Yellow Jacket IgG</b>	<b>YEL J IGG</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year	
<b>CPT Code(s):</b>	86001	
<b>0055139</b>	<b>Allergen, Insects &amp; Venom, Yellow Jacket Venom</b>	<b>YELLOW J</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0055065</b>	<b>Allergen, Insects &amp; Venom, Yellow-Faced Hornet</b>	<b>HORNET YF</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0092580</b>	<b>Allergen, Latex Specific IgE Panel by RIA</b>	<b>LATEX RIA</b>
<b>Methodology:</b>	Quantitative Radioimmunoassay	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 2 mL serum to an ARUP Standard Transport Tube. (Min 1 mL) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Stability:</u> After separation from cells: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year	

CPT Code(s): 86003 x3

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**0055009 Allergen, Mites, *Acarus siro* IgE** **A SIRO**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year  
CPT Code(s): **86003**

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**0055064 Allergen, Mites, *D. farinae*** **DFARI**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0055060 Allergen, Mites, *D. microceras* IgE** **D MICRO CER**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year  
CPT Code(s): 86003

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**0055063 Allergen, Mites, *D. pteronyssinus*** **DPTER**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0055087 Allergen, Mites, *Euroglyphus maynei* IgE** **E MAYNEI**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year  
CPT Code(s): **86003**

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**0055095 Allergen, Mites, *Glycyphagus domesticus* IgE** **G DOMESTIC**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year  
CPT Code(s): 86003

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**0050143 Allergen, Mites, *Lepidoglyphus destructor*** **LEPIDOGLY**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0055183 Allergen, Mites, *Tyrophagus putrescentiae* IgE** **T PUTRE**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s): 86003

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**0098421 Allergen, Occupational, Ethylene Oxide IgE ETHYLENE**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year  
CPT Code(s): 86003

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**0098423 Allergen, Occupational, Formaldehyde IgE FORMALD**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year  
CPT Code(s): 86003

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**2001915 Allergen, Occupational, Gum Carageenan IgE GUM CARAGE**  
**Methodology:** Quantitative Conventional RAST  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year  
CPT Code(s): 86003

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**0098418 Allergen, Occupational, Isocyanate HDI ISO HDI**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0098419 Allergen, Occupational, Isocyanate MDI ISO MDI**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0098420 Allergen, Occupational, Isocyanate TDI ISO TDI**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0099614 Allergen, Occupational, Latex LATEX**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0098422 Allergen, Occupational, Phthalic Anhydride IgE ANHYD**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s): 86003

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**0099496 Allergen, Occupational, Sunflower SUNFL SEED**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0099548 Allergen, Occupational, Tobacco TOB**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0055213 Allergen, Parasite, Ascaris ASCARIS**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0055141 Allergen, Tree, Acacia Tree ACACIA**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0099486 Allergen, Tree, Alder Tree ALDER**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0055153 Allergen, Tree, American Beech Tree AMBEE**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Fasting specimen preferred. Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0055150 Allergen, Tree, Arizona Cypress IgE ARIZ CYP**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s): 86003

<b>0098870</b>	<b>Allergen, Tree, Bayberry IgE</b>	<b>BAYBERRY</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0055058</b>	<b>Allergen, Tree, Birch Tree</b>	<b>BIRCH</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0092053</b>	<b>Allergen, Tree, Black Locust IgE</b>	<b>BLK LOCUST</b>
<b>Methodology:</b>	Quantitative Conventional RAST	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0055003</b>	<b>Allergen, Tree, Box Elder/Maple Tree</b>	<b>BOX</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0097794</b>	<b>Allergen, Tree, California Pepper IgE</b>	<b>PEPPERTREE</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0055156</b>	<b>Allergen, Tree, Cedar/Red Tree</b>	<b>CEDARRED</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0055010</b>	<b>Allergen, Tree, Cottonwood Tree</b>	<b>COTTON</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>2003216</b>	<b>Allergen, Tree, Douglas Fir IgE</b>	<b>DOUGLAS</b>
<b>Methodology:</b>	Quantitative ImmunoCAP FEIA - IgE	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens.	

CPT Code(s): Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year  
86003

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**0055042 Allergen, Tree, Elm Tree ELM**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0055098 Allergen, Tree, Eucalyptus Tree EUCAL**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0098871 Allergen, Tree, Groundsel IgE BUCCHARIS**  
**Methodology:** Quantitative Conventional RAST  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year  
CPT Code(s): 86003

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**0093506 Allergen, Tree, Hazelnut IgE HAZEL NUT**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year  
CPT Code(s): 86003

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**0097934 Allergen, Tree, Hickory Shagbark IgE SHAGBARK**  
**Methodology:** Quantitative Conventional RAST  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year  
CPT Code(s): 86003

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**0098867 Allergen, Tree, Italian Cypress IgE CYPRESS IT**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year  
CPT Code(s): 86003

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**0055187 Allergen, Tree, Japanese Cedar Tree J CEDAR**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0098863 Allergen, Tree, Melaleuca Tree MELALEUCA**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

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**0055140 Allergen, Tree, Mesquite Tree MESQUITE**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

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**0055007 Allergen, Tree, Mountain Cedar (Juniper) Tree CEDAR**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

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**0093504 Allergen, Tree, Mulberry Red IgE MULBERRY**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s):

86003

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**0097933 Allergen, Tree, Oak Red IgE OAK RED**  
**Methodology:** Quantitative Conventional RAST  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year

CPT Code(s):

86003

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**0055045 Allergen, Tree, Oak Tree OAK**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

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**0055155 Allergen, Tree, Olive Tree OLIVE TREE**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

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**0098861 Allergen, Tree, Palm/Queen Tree PALM Q**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003

<b>0055145</b>	<b>Allergen, Tree, Pecan (White Hickory) Tree</b>	<b>PECAN TREE</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0055089</b>	<b>Allergen, Tree, Pine/Australian Tree</b>	<b>PINEAUS</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0098859</b>	<b>Allergen, Tree, Poplar White IgE</b>	<b>POPLAR W</b>
<b>Methodology:</b>	Quantitative Conventional RAST	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Plain red or serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen) <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated or frozen. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0055152</b>	<b>Allergen, Tree, Privet Tree</b>	<b>PRIVET</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0055380</b>	<b>Allergen, Tree, Sweet Gum Tree</b>	<b>SWEETGUMTR</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0055090</b>	<b>Allergen, Tree, Sycamore Tree</b>	<b>SYCAMORE</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0055449</b>	<b>Allergen, Tree, Virginia Live Oak Tree</b>	<b>VOAK</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum <b>plus</b> 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL <b>plus</b> 0.04 mL for each allergen ordered) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003	
<b>0055093</b>	<b>Allergen, Tree, Walnut Tree</b>	<b>WALNUT TR</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided.	

Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0055073 Allergen, Tree, White Ash Tree** **ASH**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0099554 Allergen, Tree, White Mulberry Tree** **MULB**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0055082 Allergen, Tree, White Pine Tree** **PINE**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0055083 Allergen, Tree, Willow Tree** **WILLOW**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0099472 Allergen, Weed, Cocklebur** **COCKLEBUR**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0055085 Allergen, Weed, Common/Short Ragweed** **CRAG**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0055086 Allergen, Weed, Dandelion** **DANDY**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0055049 Allergen, Weed, English Plantain ENGLISH**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0055014 Allergen, Weed, False Ragweed FRAG**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0055084 Allergen, Weed, Giant Ragweed GRAG**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0098471 Allergen, Weed, Goldenrod GOLDENROD**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0055018 Allergen, Weed, Kochia/Firebush KOCHIA**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0055160 Allergen, Weed, Lamb's Quarters LAMBS QTR**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0050910 Allergen, Weed, Marsh Elder MARSELDER**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each

additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0055021 Allergen, Weed, Mugwort MUGWORT**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0099775 Allergen, Weed, Nettle NETTLE**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0055025 Allergen, Weed, Pigweed PIG**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0055027 Allergen, Weed, Russian Thistle RUSSIAN**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0055029 Allergen, Weed, Sagebrush/Wormwood SAGE**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0099553 Allergen, Weed, Scale SCALE**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003

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**0099785 Allergen, Weed, Sheep Sorrel SHEEP SORR**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)

Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0055185 Allergen, Weed, Sunflower Pollen IgE SUNFL POL**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 year  
CPT Code(s): 86003

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**0055035 Allergen, Weed, Western Ragweed WRAG**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0098433 Allergen, Weed, Yellow Dock (*Rumex crispus*) DOCK YEL**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.25 mL serum **plus** 0.1 mL for each additional allergen ordered to an ARUP Standard Transport Tube. (Min: 0.25 mL **plus** 0.04 mL for each allergen ordered)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003

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**0055122 Allergens, Animal, Dog/Cat Epithelium Profile EPI PAN 2**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.35 mL serum to an ARUP Standard Transport Tube. (Min: 0.28 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003 per allergen

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**0055120 Allergens, Animal Epithelium/Dander/Feather Mix Profile EPI PAN**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.65 mL serum to an ARUP Standard Transport Tube. (Min: 0.4 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003 per allergen

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**0055170 Allergens, Dust/Mite Profile DUSTPRO 4**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.55 mL serum to an ARUP Standard Transport Tube. (Min: 0.36 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003 per allergen

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**0055350 Allergens, Food, Cereal Profile CEREAL**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.65 mL serum to an ARUP Standard Transport Tube. (Min: 0.4 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003 per allergen

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**0050486 Allergens, Food, Common Adult Food FOOD ADULT**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 2.25 mL serum to an ARUP Standard Transport Tube. (Min: 1.04 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003 per allergen; 82785 IgE

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**0055100 Allergens, Food, Comprehensive Profile 1 FOOD PAN**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 2.75 mL serum to an ARUP Standard Transport Tube. (Min: 1.24 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003 per allergen

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**0092393 Allergens, Food, IgG Panel 3 IGG PAN 3**  
**Methodology:** Quantitative ImmunoCap FEIA - IgG  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year  
CPT Code(s): 86001 x3

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**0092394 Allergens, Food, IgG Panel 4 IGG PAN 4**  
**Methodology:** Quantitative Immunocap FEIA - IgG  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year  
CPT Code(s): 86001 x11

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**0092046 Allergens, Food, IgG Panel 18 IGG 18**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year  
CPT Code(s): 86001 x18

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**0092586 Allergens, Food, IgG Panel 19 IGG FOOD19**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL/allergen)  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year  
CPT Code(s): 86001 x19

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**0055345 Allergens, Food, Nut Mix Profile NUT MIX**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.65 mL serum to an ARUP Standard Transport Tube. (Min: 0.4 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003 per allergen

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**0051831 Allergens, Food, Nuts MIXEDNUTS**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.95 mL serum to an ARUP Standard Transport Tube. (Min: 0.52 mL)  
Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
86003 per allergen

CPT Code(s):

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**0055142 Allergens, Food, Profile 4 ALL PRO B**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.55 mL serum to an ARUP Standard Transport Tube. (Min: 0.36 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
86003 per allergen

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**0055133 Allergens, Food, Profile 8 FOOD 8**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.95 mL serum to an ARUP Standard Transport Tube. (Min: 0.52 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
86003 per allergen

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**0055104 Allergens, Food, Profile 9 FOOD PAN 9**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1.05 mL serum to an ARUP Standard Transport Tube. (Min: 0.56 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
86003 per allergen

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**0055174 Allergens, Food, Profile 10 FOODPRO 10**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1.15 mL serum to an ARUP Standard Transport Tube. (Min: 0.6 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
86003 per allergen

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**0055301 Allergens, Food, Profile 13 FOOD 13**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1.45 mL serum to an ARUP Standard Transport Tube. (Min: 0.72 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
86003 per allergen

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**0055172 Allergens, Food, Profile 19 FOODPRO 19**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 2.05 mL serum to an ARUP Standard Transport Tube. (Min: 0.96 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
86003 per allergen

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**0055340 Allergens, Food, Salad Profile SALAD**  
**Methodology:** Phadia ImmunoCAP® System  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.65 mL serum to an ARUP Standard Transport Tube. (Min: 0.4 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

CPT Code(s): Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
86003 per allergen

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**0055335 Allergens, Food, Seafood Profile SEAFOOD**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.65 mL serum to an ARUP Standard Transport Tube. (Min: 0.4 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003 per allergen

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**0051835 Allergens, Food, Shell Fish Profile SHELLFISH**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.85 mL serum to an ARUP Standard Transport Tube. (Min: 0.48 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003 per allergen

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**0055384 Allergens, Food, Southeast Profile GAFOODPROF**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 2.25 mL serum to an ARUP Standard Transport Tube. (Min: 1.04 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003 per allergen

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**0055370 Allergens, Food, Southwest Basic Profile SWFOOD**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1.25 mL serum to an ARUP Standard Transport Tube. (Min: 0.64 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003 per allergen

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**0055330 Allergens, Food, Vegetable Profile VEG PRO**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.65 mL serum to an ARUP Standard Transport Tube. (Min: 0.4 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003 per allergen

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**0055218 Allergens, Food, West Kentucky Group WKTFOOD**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 2.15 mL serum to an ARUP Standard Transport Tube. (Min: 1 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003 per allergen tested; 82785 IgE, Total Quantitative

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**0055130 Allergens, Grass Profile GRASS PAN**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.95 mL serum to an ARUP Standard Transport Tube. (Min: 0.52 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003 per allergen

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**0055105 Allergens, Hymenoptera, Bee Venom Profile BEE PAN**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.65 mL serum to an ARUP Standard Transport Tube. (Min: 0.4 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003 per allergen

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**0055368 Allergens, Inhalant Multiallergen Assay, Qualitative INHALALL**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Collect: Serum separator tube.  
Specimen Preparation: Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.4 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Contaminated, heat-inactivated, or hemolyzed specimens.  
Stability: After separation from cells: Ambient: 8 hours; Refrigerated: 48 hours; Frozen: 6 months  
CPT Code(s): 83516

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**0055309 Allergens, Inhalants, California Environmental CA ENV PAN**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.65 mL serum to an ARUP Standard Transport Tube. (Min: 0.4 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003 per allergen

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**0055306 Allergens, Inhalants, California Pollen CA POL PAN**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1.15 mL serum to an ARUP Standard Transport Tube. (Min: 0.6 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003 per allergen

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**0055312 Allergens, Inhalants, Comprehensive Profile AZ TOT PAN**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 3.85 mL serum to an ARUP Standard Transport Tube. (Min: 1.68 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003 per allergen; 82785 IgE, Total Quantitative

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**0055231 Allergens, Inhalants, Comprehensive Profile 2 REGRAST**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1.75 mL serum to an ARUP Standard Transport Tube. (Min: 0.84 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003 per allergen

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**0055305 Allergens, Inhalants, Environmental Profile 10 ENVIRO 10**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1.15 mL serum to an ARUP Standard Transport Tube. (Min: 0.6 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
CPT Code(s): 86003 per allergen

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**0055114 Allergens, Inhalants/Foods, Comprehensive Profile 1 COMP PAN**

**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 3.05 mL serum to an ARUP Standard Transport Tube. (Min: 1.36 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
**CPT Code(s):** 86003 per allergen

**0055099 Allergens, Inhalants/Foods, Comprehensive Profile 2** **COMP 29**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 3.05 mL serum to an ARUP Standard Transport Tube. (Min: 1.36 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
**CPT Code(s):** 86003 per allergen

**0055307 Allergens, Inhalants/Foods, Environmental Profile** **FOOD ENV**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1.85 mL serum to an ARUP Standard Transport Tube. (Min: 0.88 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
**CPT Code(s):** 86003 per allergen

**0055131 Allergens, Inhalants/Foods, Pacific Northwest Profile** **PACIFIC NW**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1.85 mL serum to an ARUP Standard Transport Tube. (Min: 0.88 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
**CPT Code(s):** 86003 per allergen

**0055126 Allergens, Inhalants/Foods, Profile A** **ALL PRO A**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1.45 mL serum to an ARUP Standard Transport Tube. (Min: 0.72 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
**CPT Code(s):** 86003 per allergen

**0055240 Allergens, Inhalants/Foods, Southeast Profile** **SE PRO**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 2.35 mL serum to an ARUP Standard Transport Tube. (Min: 1.08 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
**CPT Code(s):** 86003 per allergen

**0055129 Allergens, Inhalants/Foods, Western Allergy Profile** **WEST PAN**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 2.55 mL serum to an ARUP Standard Transport Tube. (Min: 1.16 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
**CPT Code(s):** 86003 per allergen

**0050493 Allergens, Inhalants, Hawaii Perennial Panel** **PER PAN**  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1.95 mL serum to an ARUP Standard Transport Tube. (Min: 0.92 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003 per allergen tested

**0055138 Allergens, Inhalants, Midwest Comprehensive 1 MIDWEST**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 2.25 mL serum to an ARUP Standard Transport Tube. (Min: 1.04 mL)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003 per allergen

**0055171 Allergens, Inhalants, Midwest Comprehensive 2 MWPRO 19**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 2.05 mL serum to an ARUP Standard Transport Tube. (Min: 0.96 mL)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003 per allergen

**0055116 Allergens, Inhalants, Northeast Comprehensive NORTHEAST**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1.65 mL serum to an ARUP Standard Transport Tube. (Min: 0.8 mL)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003 per allergen

**0055175 Allergens, Inhalants, Profile 13 COMPPRO 13**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1.45 mL serum to an ARUP Standard Transport Tube. (Min: 0.72 mL)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003 per allergen

**0055178 Allergens, Inhalants, Profile 18 COMPPRO 18**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1.95 mL serum to an ARUP Standard Transport Tube. (Min: 0.92 mL)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003 per allergen

**0055149 Allergens, Inhalants, Southeast Coastal Comprehensive SECOASTPAN**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 2.35 mL serum to an ARUP Standard Transport Tube. (Min: 1.08 mL)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s):

86003 per allergen

**0055111 Allergens, Inhalants, Southern California Profile SO CAL PAN**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1.15 mL serum to an ARUP Standard Transport Tube. (Min: 0.6 mL)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003 per allergen

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**0055043 Allergens, Inhalants, Southwest Basic SW PRO**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1.05 mL serum to an ARUP Standard Transport Tube. (Min: 0.56 mL)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003 per allergen

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**0055360 Allergens, Inhalants, Southwest Comprehensive 1 SWADULT**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 2.15 mL serum to an ARUP Standard Transport Tube. (Min: 1 mL)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003 per allergen

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**0055367 Allergens, Inhalants, Southwest Comprehensive 2 SWINHALE**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 2.55 mL serum to an ARUP Standard Transport Tube. (Min: 1.16 mL)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003 per allergen

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**0055375 Allergens, Inhalants, Southwest Extended Profile SWEXT**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 3.25 mL serum to an ARUP Standard Transport Tube. (Min: 1.44 mL)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003 per allergen

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**0055230 Allergens, Inhalants, Southwest Valley Profile SW VALLEY**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1.15 mL serum to an ARUP Standard Transport Tube. (Min: 0.6 mL)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003 per allergen

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**0055395 Allergens, Isocyanate Panel ISOCYANPAN**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.45 mL serum to an ARUP Standard Transport Tube. (Min: 0.32 mL)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 86003 per allergen

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**0055245 Allergens, Latex/Cross-Reactive Food Panel LATEX FOOD**

**Methodology:** Quantitative ImmunoCAP®

**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.

Collect: Serum separator tube. Multiple specimen tubes should be avoided.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 2.15 mL serum to an ARUP Standard

Transport Tube. (Min: 1 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
**CPT Code(s):** 86003 per allergen tested; 82785 IgE

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**0055125 Allergens, Mold Profile** **MOLD PAN**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.65 mL serum to an ARUP Standard Transport Tube. (Min: 0.4 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
**CPT Code(s):** 86003 per allergen

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**0055387 Allergens, Mold Profile, Southeast Comprehensive** **SEMOLDPRO**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1.15 mL serum to an ARUP Standard Transport Tube. (Min: 0.6 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
**CPT Code(s):** 86003 per allergen

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**0050529 Allergens, Pediatric Allergy, March (Progression) Profile** **PED MARCH**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 2.35 mL serum to an ARUP Standard Transport Tube. (Min: 1.08 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
**CPT Code(s):** 86003 per allergen; 82785 IgE

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**0055300 Allergens, Pediatric Foods/Inhalants Profile** **PED PAN 2**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1.25 mL serum to an ARUP Standard Transport Tube. (Min: 0.64 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
**CPT Code(s):** 86003 per allergen

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**0055121 Allergens, Pediatric Foods Profile 1** **PED PAN**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.65 mL serum to an ARUP Standard Transport Tube. (Min: 0.4 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
**CPT Code(s):** 86003 per allergen

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**0055365 Allergens, Pediatric Inhalants, Southwest** **SWPED**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1.25 mL serum to an ARUP Standard Transport Tube. (Min: 0.64 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
**CPT Code(s):** 86003 per allergen

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**0050534 Allergens, Respiratory Disease Profile, Region 1, North Atlantic States (CT, MA, NJ, PA, VT, ME, NH, NY, RI)** **R1 URD**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 2.75 mL serum to an ARUP Standard

	Transport Tube. (Min: 1.24 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003 per allergen; 82785 IgE	
<b>0050429</b>	<b>Allergens, Respiratory Disease Profile, Region 2, Mid-Atlantic States (DE, MD, VA, DC, NC)</b>	<b>R2 URD</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 2.55 mL serum to an ARUP Standard Transport Tube. (Min: 1.16 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003 per allergen; 82785 IgE, Total Quantitative	
<b>0050431</b>	<b>Allergens, Respiratory Disease Profile, Region 3, South Atlantic States (GA, SC, N. FL)</b>	<b>R3 URD</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 2.95 mL serum to an ARUP Standard Transport Tube. (Min: 1.32 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003 per allergen; 82785 IgE	
<b>0050432</b>	<b>Allergens, Respiratory Disease Profile, Region 4, Subtropical Florida (S. of Orlando)</b>	<b>R4 URD</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 2.75 mL serum to an ARUP Standard Transport Tube. (Min: 1.24 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003 per allergen; 82785 IgE	
<b>0050433</b>	<b>Allergens, Respiratory Disease Profile, Region 5, Greater Ohio Valley (IN, OH, WV, KY, TN)</b>	<b>R5 URD</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 2.85 mL serum to an ARUP Standard Transport Tube. (Min: 1.28 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003 per allergen; 82785 IgE	
<b>0050434</b>	<b>Allergens, Respiratory Disease Profile, Region 6, South Central States (AL, LA, AR, MS)</b>	<b>R6 URD</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 2.95 mL serum to an ARUP Standard Transport Tube. (Min: 1.32 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003 per allergen; 82785 IgE	
<b>0050436</b>	<b>Allergens, Respiratory Disease Profile, Region 7, Northern Midwest States (MI, WI, MN)</b>	<b>R7 URD</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 2.75 mL serum to an ARUP Standard Transport Tube. (Min: 1.24 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003 per allergen; 82785 IgE	
<b>0050437</b>	<b>Allergens, Respiratory Disease Profile, Region 8, Central Midwest States (IL, MO, IA)</b>	<b>R8 URD</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 2.75 mL serum to an ARUP Standard Transport Tube. (Min: 1.24 mL)	

	<u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003 per allergen; 82785 IgE	
<b>0050438</b>	<b>Allergens, Respiratory Disease Profile, Region 9, Great Plains States (KS, NE, ND, SD)</b>	<b>R9 URD</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 2.95 mL serum to an ARUP Standard Transport Tube. (Min: 1.32 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003 per allergen; 82785 IgE	
<b>0050439</b>	<b>Allergens, Respiratory Disease Profile, Region 10, Southwestern Grassland States (OK, TX)</b>	<b>R10 URD</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 2.85 mL serum to an ARUP Standard Transport Tube. (Min: 1.28 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003 per allergen; 82785 IgE	
<b>0050441</b>	<b>Allergens, Respiratory Disease Profile, Region 11, Rocky Mountain States (AZ [Mtn], ID [Mtn], NM, WY, CO, MT, UT)</b>	<b>R11 URD</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 2.95 mL serum to an ARUP Standard Transport Tube. (Min: 1.32 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003 per allergen; 82785 IgE	
<b>0050442</b>	<b>Allergens, Respiratory Disease Profile, Region 12, Arid Southwest (S.AZ, S.E. CA Desert)</b>	<b>R12 URD</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 2.95 mL serum to an ARUP Standard Transport Tube. (Min: 1.32 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003 per allergen; 82785 IgE	
<b>0050443</b>	<b>Allergens, Respiratory Disease Profile, Region 13, Southern Coastal California (CA)</b>	<b>R13 URD</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 3.25 mL serum to an ARUP Standard Transport Tube. (Min: 1.44 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003 per allergen; 82785 IgE	
<b>0050449</b>	<b>Allergens, Respiratory Disease Profile, Region 14, Central California Valley (CA)</b>	<b>R14 URD</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 3.25 mL serum to an ARUP Standard Transport Tube. (Min: 1.44 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	86003 per allergen; 82785 IgE	
<b>0050451</b>	<b>Allergens, Respiratory Disease Profile, Region 15, Intermountain West (NV, Southern ID)</b>	<b>R15 URD</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Multiple patient encounters should be avoided. <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 3.05 mL serum to an ARUP Standard Transport Tube. (Min: 1.36 mL)	

Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
 86003 per allergen; 82785 IgE

CPT Code(s):

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**0050452 Allergens, Respiratory Disease Profile, Region 16, Inland Northwest (Central & Eastern WA and OR) R16 URD**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 2.85 mL serum to an ARUP Standard Transport Tube. (Min: 1.28 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
 86003 per allergen; 82785 IgE

CPT Code(s):

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**0050453 Allergens, Respiratory Disease Profile, Region 17, Cascade Pacific Northwest (N.W. CA, Western OR and WA) R17 URD**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 2.85 mL serum to an ARUP Standard Transport Tube. (Min: 1.28 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
 86003 per allergen; 82785 IgE

CPT Code(s):

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**0050454 Allergens, Respiratory Disease Profile, Region 18, Alaska (AK) R18 URD**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 2.55 mL serum to an ARUP Standard Transport Tube. (Min: 1.16 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
 86003 per allergen; 82785 IgE

CPT Code(s):

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**0051829 Allergens, Respiratory Disease Profile, Region 20, Hawaii (HI) R20 URD**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 2.95 mL serum to an ARUP Standard Transport Tube. (Min: 1.32 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
 86003 per allergen; 82785 IgE

CPT Code(s):

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**0055115 Allergens, Tree Profile TREE PAN**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1.45 mL serum to an ARUP Standard Transport Tube. (Min: 0.72 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
 86003 per allergen

CPT Code(s):

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**0055148 Allergens, Tree Profile 4 TREE PRO 4**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.65 mL serum to an ARUP Standard Transport Tube. (Min: 0.4 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year  
 86003 per allergen

CPT Code(s):

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**0055385 Allergens, Tree, Southeast Profile GATREEPRO**  
**Methodology:** Quantitative ImmunoCAP®  
**Specimen Required:** Patient Preparation: Multiple patient encounters should be avoided.  
Collect: Serum separator tube. Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.95 mL serum to an ARUP Standard Transport Tube. (Min: 0.52 mL)

	<p><u>Storage/Transport Temperature:</u> Refrigerated.  <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens.  <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year</p>	
<b>CPT Code(s):</b>	86003 per allergen	
<b>0055110</b>	<b>Allergens, Weed Profile</b>	<b>WEED PAN</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<p><u>Patient Preparation:</u> Multiple patient encounters should be avoided.  <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided.  <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 1.45 mL serum to an ARUP Standard Transport Tube. (Min: 0.72 mL)  <u>Storage/Transport Temperature:</u> Refrigerated.  <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens.  <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year</p>	
<b>CPT Code(s):</b>	86003 per allergen	
<b>0055112</b>	<b>Allergens, Weed Profile 5</b>	<b>WEED PAN 5</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<p><u>Patient Preparation:</u> Multiple patient encounters should be avoided.  <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided.  <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.65 mL serum to an ARUP Standard Transport Tube. (Min: 0.4 mL)  <u>Storage/Transport Temperature:</u> Refrigerated.  <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens.  <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year</p>	
<b>CPT Code(s):</b>	86003 per allergen	
<b>0055379</b>	<b>Allergens, Weeds, Southeast Basic Profile</b>	<b>GAWEEDPRO</b>
<b>Methodology:</b>	Quantitative ImmunoCAP®	
<b>Specimen Required:</b>	<p><u>Patient Preparation:</u> Multiple patient encounters should be avoided.  <u>Collect:</u> Serum separator tube. Multiple specimen tubes should be avoided.  <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.65 mL serum to an ARUP Standard Transport Tube. (Min: 0.4 mL)  <u>Storage/Transport Temperature:</u> Refrigerated.  <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens.  <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year</p>	
<b>CPT Code(s):</b>	86003 per allergen	
<b>2004243</b>	<b>Allergic Bronchopulmonary Aspergillosis (ABPA) Panel by ID &amp; EIA</b>	<b>ABPA</b>
<b>Methodology:</b>	Gel Immunodiffusion, EIA	
<b>Specimen Required:</b>	<p><u>Collect:</u> Plain red or serum separator tube.  <u>Specimen Preparation:</u> Separate serum from cells within 10 minutes of draw. Transfer 3 mL serum to an ARUP Standard Transport Tube. (Min: 3 mL).  <u>Storage/Transport Temperature:</u> Frozen.  <u>Stability:</u> Ambient: Unacceptable; Refrigerated: Unacceptable; Frozen: 1 Week</p>	
<b>CPT Code(s):</b>	82785 Immunoglobulin E; 86003 Allergen specific IgE; 86606 x2 <i>Aspergillus</i>	
<b>0091204</b>	<b>Allopurinol, Serum or Plasma</b>	<b>ALLOPUR SP</b>
<b>Methodology:</b>	High Performance Liquid Chromatography	
<b>Specimen Required:</b>	<p><u>Collect:</u> 5 mL plain red or 7 mL lavender.  <u>Storage/Transport Temperature:</u> 2 mL serum or plasma at 2-8(Degree)C. (Min: 0.7mL). Submit specimen in an ARUP Standard Transport Tube.  <u>Unacceptable Conditions:</u> Separator tubes.  <u>Stability:</u> Ambient: Undetermined; Refrigerated: Undetermined; Frozen: Undetermined</p>	
<b>CPT Code(s):</b>	80299	
<b>0050002</b>	<b>Alpha-1-Acid Glycoprotein, Serum</b>	<b>A1A GLYCO</b>
<b>Methodology:</b>	Quantitative Nephelometry	
<b>Specimen Required:</b>	<p><u>Collect:</u> Serum separator tube.  <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL)  <u>Storage/Transport Temperature:</u> Refrigerated.  <u>Unacceptable Conditions:</u> Hemolyzed specimens.  <u>Stability:</u> After separation from cells: Ambient: 8 hours; Refrigerated: 8 days; Frozen: 1 year</p>	
<b>CPT Code(s):</b>	82985	
<b>2003418</b>	<b>Alpha-1-Antichymotrypsin (A1ACT) by Immunohistochemistry</b>	<b>A1 ACT IHC</b>
<b>Methodology:</b>	Immunohistochemistry	
<b>Specimen Required:</b>	<p><u>Collect:</u> Tissue or cells.  <u>Specimen Preparation:</u> Formalin fix (10% neutral buffered formalin is preferred) and paraffin embed specimen (Cells must be prepared into a cellblock). If sending precut slides, do not oven bake. Protect paraffin block and/or slides from excessive heat. Ship in cooled container during summer months.  <u>Storage/Transport Temperature:</u> Room temperature or refrigerated.  <u>Remarks:</u> <b>IMMUNOHISTOCHEMISTRY ORDERING AND SUBMISSION DETAILS:</b> Submit electronic request. If you do not have electronic ordering capability, use an ARUP Immunohistochemistry Stain Form (#32978) with an ARUP client number. For additional technical details, please contact ARUP Client Services.  <u>Unacceptable Conditions:</u> Depleted specimens. Specimens submitted with non-representative tissue type.  <u>Stability:</u> Ambient: Indefinite; Refrigerated: Indefinite; Frozen: Indefinite</p>	

CPT Code(s): 88342

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**0050001 Alpha-1-Antitrypsin A1A**  
**Methodology:** Quantitative Immunoturbidimetric  
**Specimen Required:** Collect: Plasma separation tube or serum separator tube. Also acceptable: Lavender (EDTA) or pink (K<sub>2</sub>EDTA).  
Specimen Preparation: Allow specimen to clot completely at room temperature. Separate serum or plasma from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.2 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed specimens.  
Stability: After separation from cells: Ambient: 8 hours; Refrigerated: 5 days; Frozen: 3 months (avoid repeated freeze/thaw cycles)  
CPT Code(s): 82103

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**2003424 Alpha-1-Antitrypsin (AAT) by Immunohistochemistry A1 AT IHC**  
**Methodology:** Immunohistochemistry  
**Specimen Required:** Collect: Tissue or cells.  
Specimen Preparation: Formalin fix (10% neutral buffered formalin is preferred) and paraffin embed specimen (Cells must be prepared into a cellblock). If sending precut slides, do not oven bake. Protect paraffin block and/or slides from excessive heat. Ship in cooled container during summer months.  
Storage/Transport Temperature: Room temperature or refrigerated.  
Remarks: **IMMUNOHISTOCHEMISTRY ORDERING AND SUBMISSION DETAILS:** Submit electronic request. If you do not have electronic ordering capability, use an ARUP Immunohistochemistry Stain Form (#32978) with an ARUP client number. For additional technical details, please contact ARUP Client Services.  
Unacceptable Conditions: Depleted specimens. Specimens submitted with non-representative tissue type.  
Stability: Ambient: Indefinite; Refrigerated: Indefinite; Frozen: Indefinite  
CPT Code(s): 88342

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**0099991 Alpha-1-Antitrypsin, Feces A1A FECES**  
**Methodology:** Quantitative Radial Immunodiffusion  
**Specimen Required:** Collect: Stool.  
Specimen Preparation: Transfer 5 g stool to an unpreserved stool transport vial (ARUP Supply #40910). Available online through eSupply using ARUP Connect™ or contact Client Services at (800) 522-2787. (Min: 1 g)  
Storage/Transport Temperature: **CRITICAL FROZEN. Separate specimens must be submitted when multiple tests are ordered.**  
Remarks:  
Stability: Ambient: Unacceptable; Refrigerated: Unacceptable; Frozen: 1 week  
CPT Code(s): 82103

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**0080500 Alpha-1-Antitrypsin Phenotype (Includes Alpha-1-Antitrypsin) A1A PHENO**  
**Methodology:** Qualitative Isoelectric Focusing/Immunoturbidimetric  
**Specimen Required:** Collect: Serum separator tube.  
Specimen Preparation: Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.3 mL)  
Storage/Transport Temperature: Refrigerated.  
Stability: After separation from cells: Ambient: 8 hours; Refrigerated: 5 days; Frozen: 2 weeks (avoid repeated freeze/thaw cycles)  
CPT Code(s): 82104 Alpha-1-antitrypsin, phenotype; 82103 Alpha-1-antitrypsin, total

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**0051256 Alpha-1-Antitrypsin (SERPINA1) Enzyme Concentration and 2 Mutations with Reflex to Alpha-1-Antitrypsin Phenotype A1A GENO**  
**Methodology:** Immunoturbidimetric/Polymerase Chain Reaction/Fluorescent Resonance Energy Transfer/Isoelectric Focusing  
**Specimen Required:** Collect: One 4 mL plasma separator tube or serum separator tube and one 3 mL whole blood lavender (EDTA), pink (K<sub>2</sub>EDTA), or yellow (ACD Solution A or B).  
Storage/Transport Temperature: 0.5 mL serum or plasma and 3 mL whole blood at 2-8°C.  
Remarks: For serum and plasma: Allow specimen to clot completely at room temperature. Separate serum or plasma from cells ASAP.  
Stability: **Serum Specimen:** Ambient: 8 hours; Refrigerated: 5 days; Frozen: 2 weeks  
**Whole Blood Specimen:** Ambient: 3 days; Refrigerated: 1 week; Frozen: Unacceptable  
CPT Code(s): 82103 A1A; 83891 Isolation; 83898 x2 Amplification; 83896 x4 Nucleic acid probes; 83912 Interpretation and report. If reflexed, add 82104 Phenotype. Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.

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**2003436 Alpha-1-Fetoprotein (AFP) by Immunohistochemistry AFP IHC**  
**Methodology:** Immunohistochemistry  
**Specimen Required:** Collect: Tissue or cells.  
Specimen Preparation: Formalin fix (10% neutral buffered formalin is preferred) and paraffin embed specimen (Cells must be prepared into a cellblock). If sending precut slides, do not oven bake. Protect paraffin block and/or slides from excessive heat. Ship in cooled container during summer months.  
Storage/Transport Temperature: Room temperature or refrigerated.  
Remarks: **IMMUNOHISTOCHEMISTRY ORDERING AND SUBMISSION DETAILS:** Submit electronic request. If you do not have electronic ordering capability, use an ARUP Immunohistochemistry Stain Form (#32978) with an ARUP client number. For additional technical details, please contact ARUP Client Services.  
Unacceptable Conditions: Depleted specimens. Specimens submitted with non-representative tissue type.  
Stability: Ambient: Indefinite; Refrigerated: Indefinite; Frozen: Indefinite  
CPT Code(s): 88342

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**0050043 Alpha-1-Microglobulin, Urine A1M**  
**Methodology:** Quantitative Nephelometry  
**Specimen Required:** Collect: 24-hour urine. Specimen must be refrigerated during collection.  
Specimen Preparation: Transfer a 4 mL aliquot from a well-mixed 24-hour collection to an ARUP Standard Transport Tube. (Min: 0.3 mL) Do not add acid or other preservatives. Record total volume and collection time interval on transport tube and test request form.  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Frozen or preserved specimens.  
Stability: Ambient: 8 hours; Refrigerated: 8 days; Frozen: Unacceptable

CPT Code(s): 83883

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**0098727 Alpha-2-Antiplasmin, Activity ALPHA 2A**  
**Methodology:** Chromogenic Assay  
**Specimen Required:** Collect: Lt. blue (sodium citrate). Refer to Specimen Handling at aruplab.com for hemostasis/thrombosis specimen handling guidelines  
Specimen Preparation: Transfer 1 mL platelet-poor plasma to an ARUP Standard Transport Tube. (Min: 1 mL)  
Storage/Transport Temperature: **CRITICAL FROZEN. Separate specimens must be submitted when multiple tests are ordered.**  
Unacceptable Conditions: Serum. Non-frozen or hemolyzed specimens.  
Stability: Ambient: 8 hours; Refrigerated: Unacceptable; Frozen: 1 month  
CPT Code(s): 85410

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**0050005 Alpha-2-Macroglobulin A2M**  
**Methodology:** Quantitative Nephelometry  
**Specimen Required:** Collect: Serum separator tube.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.3 mL) Also acceptable: CSF or pleural fluid (centrifuge and separate to remove cellular material).  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed specimens.  
Stability: After separation from cells: Ambient: 8 hours; Refrigerated: 8 days; Frozen: 1 year (if frozen within 24 hours)  
CPT Code(s): 83883

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**0080427 Alpha Fetoprotein (Amniotic Fluid) with Reflex to Acetylcholinesterase and Fetal Hemoglobin AFP AF**  
**Methodology:** Chemiluminescent Immunoassay/Electrophoresis  
**Specimen Required:** Patient Preparation: Amniocentesis.  
Collect: Amniotic fluid.  
Specimen Preparation: Transport 2.5 mL amniotic fluid.  
Storage/Transport Temperature: Refrigerated.  
Remarks: Include gestational age at time of collection on the test request form.  
**The following information is required and must accompany the specimen in order for testing to be interpreted:** Patient's date of birth, due date, weeks of gestation, and physician's name and phone number.  
Unacceptable Conditions: Specimens contaminated with fetal blood.  
Stability: Ambient: 72 hours; Refrigerated: 1 week; Frozen: 1 year  
CPT Code(s): 82106 AFP; if reflexed, add 82013 Acetylcholinesterase and 83033 Fetal Hemoglobin

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**0020729 Alpha Fetoprotein, CSF (Tumor Marker) AFP CSF**  
**Methodology:** Quantitative Chemiluminescent Immunoassay  
**Specimen Required:** Collect: CSF.  
Specimen Preparation: Transfer 0.5 mL CSF to an ARUP Standard Transport Tube. (Min: 0.2 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Any specimens other than CSF.  
Stability: Ambient: 48 hours; Refrigerated: 1 week; Frozen: 1 year  
CPT Code(s): 86316

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**0080428 Alpha Fetoprotein, Serum (Tumor Marker) AFP TM**  
**Methodology:** Quantitative Chemiluminescent Immunoassay  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Allow specimen to clot completely at room temperature. Separate serum from cells within 4 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.2 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Plasma. Grossly hemolyzed specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 1 week; Frozen: 1 year  
CPT Code(s): 82105

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**0081208 Alpha Fetoprotein, Total and L3 Percent AFP L3**  
**Methodology:** Quantitative Liquid-Phase Binding Immunoassay  
**Specimen Required:** Collect: Serum separator tube.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL)  
Storage/Transport Temperature: Frozen.  
Unacceptable Conditions: Plasma.  
Stability: After separation from cells: Ambient: 8 hours; Refrigerated: 5 days; Frozen: 3 months (avoid repeated freeze/thaw cycles)  
CPT Code(s): 82107

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**2003204 Alpha Galactosidase, Serum A GALACTO**  
**Methodology:** Fluorometric  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Separate from cells. Transfer 2 mL serum to an ARUP Standard Transport Tube. (Min: 0.2 mL)  
Storage/Transport Temperature: Frozen.  
Unacceptable Conditions: Room temperature or refrigerated specimens.  
Stability: Ambient: Unacceptable; Refrigerated: Unacceptable; Frozen: 2 weeks  
CPT Code(s): 82657

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**0092526 Alpha Subunit of Pituitary Glycoprotein Hormones ALPHASUB**  
**Methodology:** Quantitative Immunoradiometric Assay  
**Specimen Required:** Collect: Serum separator tube or plain red.  
Specimen Preparation: Transfer 2 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL) Also acceptable: EDTA or heparin plasma.  
Storage/Transport Temperature: Frozen.

Unacceptable Conditions: Hemolyzed or lipemic specimens.

Stability: After separation from cells: Ambient: 24 hours; Refrigerated: 1 week; Frozen: 4 weeks

CPT Code(s): 83519

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**2003419**      **Alpha-Synuclein by Immunohistochemistry**      **ASYN IHC**  
**Methodology:** Immunohistochemistry  
**Specimen Required:** Collect: Tissue or cells.  
Specimen Preparation: Formalin fix (10% neutral buffered formalin is preferred) and paraffin embed specimen (Cells must be prepared into a cellblock). If sending precut slides, do not oven bake. Protect paraffin block and/or slides from excessive heat. Ship in cooled container during summer months.  
Storage/Transport Temperature: Room temperature or refrigerated.  
Remarks: **IMMUNOHISTOCHEMISTRY ORDERING AND SUBMISSION DETAILS:** Submit electronic request. If you do not have electronic ordering capability, use an ARUP Immunohistochemistry Stain Form (#32978) with an ARUP client number. For additional technical details, please contact ARUP Client Services.  
Unacceptable Conditions: Depleted specimens. Specimens submitted with non-representative tissue type.  
Stability: Ambient: Indefinite; Refrigerated: Indefinite; Frozen: Indefinite

CPT Code(s): 88342

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**0051495**      **Alpha Thalassemia (HBA1 & HBA2) 7 Deletions**      **ALPHA THAL**  
**Methodology:** Polymerase Chain Reaction/Gel Electrophoresis  
**Specimen Required:** Collect: Lavender (EDTA), pink (K<sub>2</sub>EDTA), or yellow (ACD Solution A or B).  
Specimen Preparation: Transport 3 mL whole blood. (Min: 1 mL)  
Storage/Transport Temperature: Refrigerated.  
Stability: Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable

CPT Code(s): 83891 Isolation; 83900 Amplification multiplex; 83901 x8 Additional amplification; 83894 Gel separation; 83912 Interpretation and report - Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.

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**2001582**      **Alpha Thalassemia (HBA1 & HBA2) Sequencing**      **AG FGS**  
**Methodology:** Polymerase Chain Reaction/Sequencing  
**Specimen Required:** Collect: Lavender (EDTA), pink (K<sub>2</sub>EDTA) or yellow (ACD Solution A or B).  
Specimen Preparation: Transport 3 mL whole blood. (Min: 1 mL)  
Storage/Transport Temperature: Refrigerated.  
Stability: Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable

CPT Code(s): 83891 Isolation; 83898 x2 Amplification; 83904 x6 Sequencing; 83909 capillary electrophoresis; 83912 Interpretation and report - Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.

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**0051710**      **Alport Syndrome, X-Linked (COL4A5) 3 Mutations**      **ALPORT DNA**  
**Methodology:** Polymerase Chain Reaction/Fluorescence Monitoring  
**Specimen Required:** Collect: Lavender (EDTA), pink (K<sub>2</sub>EDTA), or yellow (ACD Solution A or B).  
Specimen Preparation: Transport 3 mL whole blood. (Min: 1 mL)  
Storage/Transport Temperature: Refrigerated.  
Stability: Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable

CPT Code(s): 83891 Isolation; 83898 Amplification; 83900 Multiplex amplification; 83896 x 6 Nucleic acid probe; 83912 Interpretation and report - Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.

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**2002394**      **Alport Syndrome, X-linked (COL4A5) Deletion/Duplication**      **ALPORT DD**  
**Methodology:** Polymerase Chain Reaction/Multiplex Ligation-dependent Probe Amplification  
**Specimen Required:** Collect: Lavender (EDTA), pink (K<sub>2</sub>EDTA), or yellow (ACD Solution A or B).  
Specimen Preparation: Transport 3 mL whole blood. (Min: 1 mL)  
Storage/Transport Temperature: Refrigerated.  
Stability: Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable

CPT Code(s): 83891 Isolation; 83896 x2 Nucleic acid probes; 83898 x2 Amplification; 83914 x2 Extension; 83909 x2 Capillary electrophoresis; 83912 Interpretation and report - Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.

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**0051786**      **Alport Syndrome, X-linked (COLAA5) Sequencing**      **ALPORT FGS**  
**Methodology:** Polymerase Chain Reaction/Sequencing  
**Specimen Required:** Collect: Lavender (EDTA), pink (K<sub>2</sub>EDTA) or yellow (ACD Solution A or B).  
Specimen Preparation: Transport 3 mL whole blood. (Min: 1 mL)  
Storage/Transport Temperature: Refrigerated.  
Stability: Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable

CPT Code(s): 83891 Isolation; 83898 x46 Amplification; 83904 x46 Sequencing; 83909 x2 capillary electrophoresis; 83912 Interpretation and report. - Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.

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**2002398**      **Alport Syndrome, X-linked (COLAA5) Sequencing and Deletion/Duplication**      **ALPORT FGA**  
**Methodology:** Polymerase Chain Reaction/ Sequencing/Multiplex Ligation-dependent Probe Amplification  
**Specimen Required:** Collect: Lavender (EDTA), pink (K<sub>2</sub>EDTA), or yellow (ACD solution A or B).  
Specimen Preparation: Transport 3 mL whole blood. (Min: 2 mL)  
Storage/Transport Temperature: Refrigerated.  
Stability: Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable

CPT Code(s): **Sequencing:** 83891 Isolation; 83898 x46 Amplification; 83904 x46 Sequencing; 83909 x2 capillary electrophoresis.  
**Del/Dup:** 83896 x2 Nucleic Acid Probes; 83898 x2 Amplification; 83914 x2 Extension; 83909 x2 Capillary Electrophoresis; 83912 Interpretation and report - Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.

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**0090010**      **Alprazolam**      **ALPR**  
**Methodology:** Quantitative Liquid Chromatography-Tandem Mass Spectrometry  
**Specimen Required:** Collect: Plain red. Also acceptable: Lavender (EDTA), pink (K<sub>2</sub>EDTA), green (sodium heparin), gray (sodium fluoride/potassium

oxalate). Avoid use of separator tubes.

Specimen Preparation: Transfer 2 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.6 mL)

Storage/Transport Temperature: Refrigerated.

Stability: After separation from cells: Ambient: 1 week; Refrigerated: 1 week; Frozen: 2 months

CPT Code(s): 80154

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**009266 Aluminum, Serum** **AL S**

**Methodology:** Quantitative Inductively Coupled Plasma-Mass Spectrometry

**Specimen Required:** Patient Preparation: Diet, medication, and nutritional supplements may introduce interfering substances. Patient should be encouraged to discontinue nutritional supplements, vitamins, minerals, and non-essential over-the-counter medications (upon the advice of their physician).

Collect: Royal blue (no additives or EDTA).

Specimen Preparation: Centrifuge; do not allow serum or plasma to remain on cells. Transfer 2 mL serum or plasma to an ARUP Trace Element-Free Transport Tube (ARUP supply #43116). Available online through eSupply using ARUP Connect™ or contact ARUP Client Services at (800) 522-2787. (Min: 0.5 mL)

Storage/Transport Temperature: Room temperature.

Unacceptable Conditions: Separator tubes. Specimens that are not separated from the red cells or clot within 6 hours.

Stability: If the specimen is drawn and stored in the appropriate container, the trace element values do not change with time.

CPT Code(s): 82108

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**0099408 Aluminum, Urine** **AL U**

**Methodology:** Quantitative Inductively Coupled Plasma-Mass Spectrometry

**Specimen Required:** Patient Preparation: Diet, medication, and nutritional supplements may introduce interfering substances. Patients should be encouraged to discontinue nutritional supplements, vitamins, minerals, and non-essential over-the-counter medications (upon the advice of their physician). High concentrations of iodine may interfere with elemental testing. Abstinence from iodine-containing medications or contrast agents for at least 1 month prior to collecting specimens for elemental testing is recommended.

Collect: 24-hour or random urine collection. Specimen must be collected in a plastic container. **ARUP studies indicate that**

**refrigeration of urine alone, during and after collection, preserves specimens adequately, if tested within 14 days of collection.**

Specimen Preparation: Transfer an 8 mL aliquot from a well-mixed collection to ARUP Trace Element-Free Transport Tubes (ARUP supply #43116). Available online through eSupply using ARUP Connect™ or contact ARUP Client Services at (800) 522-2787. (Min: 1 mL) Record total volume and collection time interval on transport tube and on test request form.

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Urine collected within 48 hours after administration of a gadolinium (Gd) containing contrast media (may occur with MRI studies). Acid preserved urine.

Stability: Ambient: 1 week; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 82108

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**0091195 Amantadine (Symmetrel®), Serum or Plasma** **AMANTADIN**

**Methodology:** Gas Chromatography

**Specimen Required:** Collect: One 7 mL plain red, gray (sodium fluoride/potassium oxalate), green (sodium heparin), lavender (EDTA), or pink (K<sub>2</sub>EDTA).

Storage/Transport Temperature: 2 mL serum or plasma at 2-8°C. (Min: 0.5 mL) Submit specimen in an ARUP Standard Transport Tube.

Unacceptable Conditions: Separator tubes.

Stability: Ambient: 1 week; Refrigerated: 2 weeks; Frozen: 5 months

CPT Code(s): 80299

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**0091162 Amantadine (Symmetrel®), Urine** **AMANTAD U**

**Methodology:** Gas Chromatography

**Specimen Required:** Collect: Random urine.

Storage/Transport Temperature: 2 mL urine at 2-8°C. (Min: 0.5 mL) Submit specimen in an ARUP Standard Transport Tube.

Stability: Ambient: 1 week; Refrigerated: 2 weeks; Frozen: 5 months

CPT Code(s): 80299

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**0090295 Amikacin, Peak Level** **AMIKP**

**Methodology:** Fluorescence Polarization Immunoassay

**Specimen Required:** Patient Preparation: Draw 30 minutes following completion of drug infusion.

Collect: Plain red. Also acceptable: Green (sodium heparin).

Specimen Preparation: Separate serum or plasma from cells one hour of collection. Transfer 1 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.5 mL)

Storage/Transport Temperature: Refrigerated. If transport is prolonged: Frozen.

Unacceptable Conditions: Specimens collected in citrate, EDTA, separator tubes, or oxalate/fluoride. Specimens exposed to repeated freeze/thaw cycles.

Stability: After separation from cells: Ambient: 4 hours; Refrigerated: 1 week; Frozen: 1 month

CPT Code(s): 80150

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**0090015 Amikacin, Random Level** **AMIK**

**Methodology:** Fluorescence Polarization Immunoassay

**Specimen Required:** Collect: Plain red. Also acceptable: Green (sodium heparin).

Specimen Preparation: Separate serum or plasma from cells within one hour of collection. Transfer 1 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.5 mL)

Storage/Transport Temperature: Refrigerated. If transport is prolonged: Frozen.

Unacceptable Conditions: Specimens collected in citrate, EDTA, separator tubes, or oxalate/fluoride. Specimens exposed to repeated freeze/thaw cycles.

Stability: After separation from cells: Ambient: 4 hours; Refrigerated: 1 week; Frozen: 1 month

CPT Code(s): 80150

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**0090300 Amikacin, Trough Level** **AMIKT**

**Methodology:** Fluorescence Polarization Immunoassay

**Specimen Required:** Patient Preparation: Draw 5-90 minutes before next infusion.

Collect: Plain red. Also acceptable: Green (sodium heparin).  
Specimen Preparation: Separate serum or plasma from cells within one hour of collection. Transfer 1 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.5 mL)  
Storage/Transport Temperature: Refrigerated. If transport is prolonged: Frozen.  
Unacceptable Conditions: Specimens collected in citrate, EDTA, separator tubes, or oxalate/fluoride. Specimens exposed to repeated freeze/thaw cycles.  
Stability: After separation from cells: Ambient: 4 hours; Refrigerated: 1 week; Frozen: 1 month

CPT Code(s):

80150

**0080137** **Amino Acids Quantitative, CSF** **CSFAA QNT**  
**Methodology:** Ion Exchange Chromatography  
**Specimen Required:** Collect: CSF.  
Specimen Preparation: Centrifuge CSF to separate and remove cellular material. Freeze supernatant. Transport 0.5 mL CSF. (Min: 0.3 mL)  
Storage/Transport Temperature: **CRITICAL FROZEN. Separate specimens must be submitted when multiple tests are ordered.**  
**Remarks:** **Clinical information is needed for appropriate interpretation.** Additional required information includes age, gender, diet (e.g., TPN therapy), drug therapy, and family history. **Biochemical Genetics Patient History Form is available on the ARUP Web site at <http://www.aruplab.com/patienthistory> or by contacting ARUP Client Services.**  
Stability: Ambient: Unacceptable; Refrigerated: 24 hours; Frozen: 1 month

CPT Code(s):

82139

**0080710** **Amino Acids Quantitative, Plasma** **AA QNT**  
**Methodology:** Ion Exchange Chromatography  
**Specimen Required:** Patient Preparation: Adults: Fasting specimen preferred. Infants and children: Draw specimen prior to feeding or 2-3 hours after a meal.  
Collect: Green (sodium or lithium heparin).  
Specimen Preparation: Separate plasma from cells ASAP or within 2 hours of collection. Avoid transferring buffy coat material. Transfer 0.5 mL plasma to an ARUP Standard Transport Tube and freeze immediately. (Min: 0.25 mL)  
Storage/Transport Temperature: **CRITICAL FROZEN. Separate specimens must be submitted when multiple tests are ordered.**  
**Remarks:** **Clinical information is needed for appropriate interpretation.** Additional required information includes age, gender, diet (e.g., TPN therapy), drug therapy, and family history. **Biochemical Genetics Patient History Form is available on the ARUP Web site at <http://www.aruplab.com/patienthistory> or by contacting ARUP Client Services.**  
Unacceptable Conditions: Hemolyzed specimens.  
Stability: After separation from cells: Ambient: Unacceptable; Refrigerated: 24 hours; Frozen: 1 month

CPT Code(s):

82139

**0080044** **Amino Acids Quantitative, Urine** **UAA QNT**  
**Methodology:** Ion Exchange Chromatography  
**Specimen Required:** Patient Preparation: First morning urine preferred.  
Collect: Random urine. Avoid dilute urine when possible.  
Specimen Preparation: Mix urine well. Transfer 8 mL aliquot of urine to ARUP Standard Transport Tubes and freeze immediately. (Min: 3 mL)  
Storage/Transport Temperature: **CRITICAL FROZEN. Separate specimens must be submitted when multiple tests are ordered.**  
**Remarks:** **Clinical information is needed for appropriate interpretation.** Additional required information includes age, gender, diet (eg, TPN therapy), drug therapy, and family history. **Biochemical Genetics Patient History Form is available on the ARUP Website or by contacting ARUP Client Services.**  
Stability: Ambient: Unacceptable; Refrigerated: 24 hours; Frozen: 1 month

CPT Code(s):

82139

**0091284** **Aminocaproic Acid, Serum or Plasma** **AMINOCAPR**  
**Methodology:** High Performance Liquid Chromatography  
**Specimen Required:** Collect: One 7 mL plain red, gray (sodium fluoride/potassium oxalate), green (sodium heparin), lavender (EDTA), or pink (K<sub>2</sub>EDTA).  
Storage/Transport Temperature: 2 mL serum or plasma at 2-8°C. (Min: 0.5 mL) Submit specimen in an ARUP Standard Transport Tube.  
Unacceptable Conditions: Separator tubes.  
Stability: Ambient: 1 week; Refrigerated: 2 weeks; Frozen: 1 month

CPT Code(s):

80299

**0091375** **Aminocaproic Acid, Urine** **AMINOC UR**  
**Methodology:** High Performance Liquid Chromatography  
**Specimen Required:** Collect: Random urine.  
Storage/Transport Temperature: 2 mL urine at 20-25°C. (Min: 0.5 mL) Submit specimen in an ARUP Standard Transport Tube.  
Stability: Ambient: 1 week; Refrigerated: 2 weeks; Frozen: 1 month

CPT Code(s):

82491

**0080103** **Aminolevulinic Acid (ALA), Urine** **ALA U**  
**Methodology:** Quantitative Ion Exchange Chromatography/Spectrophotometry  
**Specimen Required:** Patient Preparation: Refrain from alcohol consumption 24 hours prior to collection.  
Collect: 24 hour or random urine. Refrigerate 24-hour specimens during collection.  
Specimen Preparation: Protect from light. Transfer a 4 mL aliquot from a well-mixed 24 hour or random collection to an ARUP Amber Transport Tube. (Min: 1.2 mL) Record total volume and collection time interval on transport tube and test request form.  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Body fluids other than urine.  
Stability: Ambient: Unacceptable; Refrigerated: 4 days; Frozen: 1 month

CPT Code(s):

82135

**0090161** **Amiodarone and Metabolite** **AMIOD**  
**Methodology:** Quantitative Liquid Chromatography-Tandem Mass Spectrometry  
**Specimen Required:** Collect: Plain red. Also acceptable: Lavender (EDTA), pink (K<sub>2</sub>EDTA or K<sub>3</sub>EDTA), green (sodium or lithium heparin), or gray (sodium

fluoride/potassium oxalate). Also acceptable (avoid if possible): Serum separator tube or plasma separator tube (follow preparation instructions below).

**Specimen Preparation:** Separate serum or plasma from cells within 2 hours of collection. Transfer 2 mL serum or plasma to an ARUP Amber Transport Tube. (Min: 0.5 mL)

**SST or PST:** Serum or plasma in a gel separator tube stored at room temperature is acceptable if separated from the gel within 6 hours. Serum or plasma in a gel separator tube stored refrigerated is acceptable if separated from the gel within 2 hours.

**Storage/Transport Temperature:** Refrigerated.

**Unacceptable Conditions:** Citrated plasma. Tubes that contain liquid anticoagulant.

**Stability:** After separation from cells: Ambient: 1 month; Refrigerated: 6 weeks; Frozen: 6 weeks

**CPT Code(s):** 80299 x2

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**0090158 Amitriptyline & Nortriptyline AMIT/NORT**

**Methodology:** Quantitative Liquid Chromatography-Tandem Mass Spectrometry

**Specimen Required:** **Collect:** Plain red. Also acceptable: Lavender (EDTA), pink (K<sub>2</sub>EDTA), green (sodium heparin), or gray (sodium fluoride/potassium oxalate). Avoid use of separator tubes.

**Specimen Preparation:** Transfer 2 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.5 mL)

**Storage/Transport Temperature:** Refrigerated.

**Unacceptable Conditions:** Gel separator tubes left at room temperature for more than 2 hours or refrigerated for more than 30 minutes.

**Stability:** After separation from cells: Ambient: 5 days; Refrigerated: 2 weeks; Frozen: 6 months

**CPT Code(s):** 80152 Amitriptyline; 80182 Nortriptyline

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**0020043 Ammonia, Plasma AMMON**

**Methodology:** Colorimetry

**Specimen Required:** **Collect:** Green (sodium or lithium heparin). Collect on ice.

**Specimen Preparation:** Separate plasma from cells and freeze within 15 minutes of draw time. Specimens need to be spun in a refrigerated centrifuge. Transfer 2 mL plasma to an ARUP Standard Transport Tube. (Min: 0.25 mL)

**Storage/Transport Temperature:** **CRITICAL FROZEN. Separate specimens must be submitted when multiple tests are ordered.**

**Unacceptable Conditions:** Serum or blood. Non-frozen specimens. Specimens containing oxalate, citrate, or EDTA.

**Stability:** After separation from cells: Ambient: Unacceptable; Refrigerated: Unacceptable; Frozen: 6 months (do not thaw)

**CPT Code(s):** 82140

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**0080276 Amniotic Bilirubin Scan AMBIL**

**Methodology:** Quantitative Spectrophotometry (Delta OD 450 nm)

**Specimen Required:** **Patient Preparation:** Amniocentesis.

**Collect:** Amniotic fluid.

**Specimen Preparation:** Protect from light during collection, storage, and shipment. Transfer 3 mL amniotic fluid to an ARUP Amber Transport Tube. (Min: 2 mL)

**Storage/Transport Temperature:** Refrigerated.

**Unacceptable Conditions:** Specimens not protected from light.

**Stability:** If specimen is protected from light: Ambient: 48 hours; Refrigerated: 1 week; Frozen: 1 year

**CPT Code(s):** 82143

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**0090978 Amobarbital, Serum or Plasma AMOBARB SP**

**Methodology:** Gas Chromatography/Mass Spectrometry

**Specimen Required:** **Collect:** One 7 mL plain red or lavender (EDTA).

**Storage/Transport Temperature:** 2 mL serum or plasma at 2-8°C. (Min: 1 mL) Submit specimen in an ARUP Standard Transport Tube.

**Unacceptable Conditions:** Separator tubes.

**Stability:** Ambient: 2 weeks; Refrigerated: 2 weeks; Frozen: 1 year

**CPT Code(s):** 82205

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**0091500 Amobarbital, Urine AMOBARB U**

**Methodology:** Gas Chromatography/Mass Spectrometry

**Specimen Required:** **Collect:** Random urine.

**Storage/Transport Temperature:** 2 mL urine at 20-25°C. (Min: 0.5 mL) Submit specimen in an ARUP Standard Transport Tube.

**Stability:** Ambient: 2 weeks; Refrigerated: 2 weeks; Frozen: 1 year

**CPT Code(s):** 82205

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**0060250 Amoeba Calcofluor Stain ACANTSTAIN**

**Methodology:** Qualitative Calcofluor White/Microscopic Exam

**Specimen Required:** **Collect:** Corneal scrapings or vitreous fluid.

**Specimen Preparation:** Place corneal scrapings or vitreous fluid in 2 ml of Page's amoeba saline (ARUP supply #31917). Available online through eSupply using ARUP Connect™ or contact Client Services at (800) 522-2787.

**Storage/Transport Temperature:** **CRITICAL ROOM TEMPERATURE.** Submit specimen according to Biological Substance, Category B, shipping guidelines.

**Unacceptable Conditions:** Frozen or refrigerated specimens. Specimens in media or preservatives. Formalinized specimens. Dry material (corneal scrapings or tissue that have not been placed in sterile saline or specimen that has become dry in transit).

**Stability:** Ambient: 72 hours; Refrigerated: Unacceptable; Frozen: Unacceptable

**CPT Code(s):** 87206

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**0091236 Amoxapine and Metabolite Quantitation, Serum or Plasma AMOXAPINE**

**Methodology:** Quantitative High Performance Liquid Chromatography

**Specimen Required:** **Collect:** Plain red, lavender (EDTA), or pink (K<sub>2</sub>EDTA).

**Specimen Preparation:** Separate from cells within 2 hours. Transfer 2 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.7 mL)

**Storage/Transport Temperature:** Refrigerated.

**Unacceptable Conditions:** Separator tubes.

**Stability:** Ambient: 1 week; Refrigerated: 2 weeks; Frozen: 10 months

**CPT Code(s):** 80299

<b>0091237</b>	<b>Amoxapine and Metabolite Quantitation, Urine</b>	<b>AMOXAPIN U</b>
<b>Methodology:</b>	Quantitative High Performance Liquid Chromatography	
<b>Specimen Required:</b>	<u>Collect:</u> Random urine. <u>Specimen Preparation:</u> Transfer 2 mL urine to an ARUP Standard Transport Tube. (Min: 1 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Stability:</u> Ambient: 1 week; Refrigerated: 2 weeks; Frozen: 10 months	
<b>CPT Code(s):</b>	80299	
<b>0020506</b>	<b>Amylase, Body Fluid</b>	<b>AMY-FL</b>
<b>Methodology:</b>	Quantitative Enzymatic	
<b>Specimen Required:</b>	<u>Collect:</u> Body fluid. Also acceptable: Fluid collected in plain red or green (sodium or lithium heparin). <u>Specimen Preparation:</u> Centrifuge to remove cellular material. Transfer 1 mL body fluid to an ARUP Standard Transport Tube. (Min: 0.2 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Remarks:</u> Indicate source on test request form. <u>Stability:</u> After separation from cellular material: Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 month	
<b>CPT Code(s):</b>	82150	
<b>0020804</b>	<b>Amylase, Isoenzymes</b>	<b>AMYISO</b>
<b>Methodology:</b>	Quantitative Enzymatic	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube or plasma separator tube. Also acceptable: Lavender (EDTA) or green (sodium or lithium heparin). <u>Specimen Preparation:</u> Allow specimen to clot completely at room temperature. Separate serum or plasma from cells ASAP or within 2 hours of collection. Transfer 1 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.5 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed specimens. <u>Stability:</u> After separation from cells: Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 month	
<b>CPT Code(s):</b>	82150 Amylase, total; 82150 Amylase, pancreatic	
<b>0020013</b>	<b>Amylase, Serum or Plasma</b>	<b>AMY</b>
<b>Methodology:</b>	Quantitative Enzymatic	
<b>Specimen Required:</b>	<u>Collect:</u> Plasma separator tube or serum separator tube. <u>Specimen Preparation:</u> Allow serum tube to clot completely at room temperature. Separate serum or plasma from cells within 2 hours of collection. Transfer 1 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.5 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Specimens containing calcium chelating anticoagulants such as oxalates, citrates, or EDTA. <u>Stability:</u> After separation from cells: Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 month	
<b>CPT Code(s):</b>	82150	
<b>0020471</b>	<b>Amylase, Urine</b>	<b>UAMY</b>
<b>Methodology:</b>	Enzymatic	
<b>Specimen Required:</b>	<u>Collect:</u> 24-hour or timed urine collection. Refrigerate during collection. <u>Specimen Preparation:</u> If pH is less than 6, adjust pH to greater than or equal to 6 by adding 5 percent NaOH (approximately 2 mL per liter). Amylase is not stable in acidified specimens (pH less than 6) and decreases of up to 30 percent may occur. Mix 24 hour urine collection well. Transfer 4 mL urine to an ARUP Standard Transport Tube. (Min: 0.5 mL) Record total volume and collection time interval on transport tube and test request form. <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Frozen specimens. Specimens containing acetic acid, boric acid (sodium formate), concentrated HCl, or urine preservatives containing hexamethylenetetramine or mercuric acid. <u>Stability:</u> Ambient: 1 week; Refrigerated: 1 month; Frozen: Unacceptable	
<b>CPT Code(s):</b>	82150	
<b>0089110</b>	<b>Anabolic Steroids Panel</b>	<b>ANAB</b>
<b>Methodology:</b>	Qualitative Gas Chromatography/Mass Spectrometry	
<b>Specimen Required:</b>	<u>Collect:</u> Random urine. <u>Specimen Preparation:</u> Transport 40 mL urine. (Min: 12 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Stability:</u> Ambient: 1 week; Refrigerated: 1 month; Frozen: Indefinitely	
<b>CPT Code(s):</b>	80100	
<b>0060143</b>	<b>Anaerobe Culture (Includes Gram Stain 0060101)</b>	<b>MC ANA</b>
<b>Methodology:</b>	Standard reference procedures for bacterial stain, anaerobic culture and identification	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> <b>Contact the laboratory prior to collection of the specimen if consultation on collection containers or transport is needed.</b> <u>Collect:</u> Aspirate. Also acceptable: Body fluids, tissues, or material collected from areas without normal anaerobic flora. Anaerobe collection materials are available from ARUP; do not use if gel is blue or kit is expired. <u>Specimen Preparation:</u> Place specimen immediately into sterile anaerobe gel transport or sterile anaerobe swab system for transport. <u>Storage/Transport Temperature:</u> Room temperature. Submit specimen according to Biological Substance, Category B, shipping guidelines. <u>Remarks:</u> <b>Indicate if <i>Actinomyces</i> is suspected.</b> <u>Unacceptable Conditions:</u> Specimen from site with normal anaerobic flora. Non-anaerobic, or non-sterile containers. Delayed transport to lab. <u>Stability:</u> Ambient: 48 hour; Refrigerated: Unacceptable; Frozen: Unacceptable	
<b>CPT Code(s):</b>	87075 Culture; identification and susceptibility CPT codes may vary based on method.	
<b>0060164</b>	<b>Anaerobic Organism Identification</b>	<b>MC ANAID</b>
<b>Methodology:</b>	Identification methods including Biochemical, MALDI TOF and/or 16S rDNA sequencing.	
<b>Specimen Required:</b>	<u>Collect:</u> Actively growing organism in pure culture.	

	<p><u>Specimen Preparation:</u> Transport sealed container with pure culture on agar slant in anaerobic transport pouch or on a swab in anaerobic transport media.</p> <p><u>Storage/Transport Temperature:</u> Room temperature. Submit specimen according to Biological Substance, Category B, shipping guidelines.</p> <p><u>Remarks:</u> Specimen source required. Indicate other pertinent information.</p> <p><u>Unacceptable Conditions:</u> Non-viable organisms.</p> <p><u>Stability:</u> Ambient: 72 hours; Refrigerated: Unacceptable; Frozen: Unacceptable</p>	
<b>CPT Code(s):</b>	87076 and/or 87153; CPT codes for identification vary based upon method.	
<b>0060198</b>	<b>Anaerobic Organism Identification with Reflex to Susceptibility</b>	<b>MC ANAIS</b>
<b>Methodology:</b>	Identification methods including Biochemical, MALDI TOF and/or 16S rDNA sequencing and susceptibility tests.	
<b>Specimen Required:</b>	<p><u>Collect:</u> Actively growing organism, in pure culture</p> <p><u>Specimen Preparation:</u> Transport sealed container with pure culture on agar slant in anaerobic transport pouch or on a swab in anaerobic transport media.</p> <p><u>Storage/Transport Temperature:</u> Room temperature. Submit specimen according to Biological Substance, Category B, shipping guidelines.</p> <p><u>Remarks:</u> Specimen source required. Indicate other pertinent information.</p> <p><u>Unacceptable Conditions:</u> Non-viable organisms.</p> <p><u>Stability:</u> Ambient: 72 hours; Refrigerated: Unacceptable; Frozen: Unacceptable</p>	
<b>CPT Code(s):</b>	87076 and/or 87153; CPT codes for identification and susceptibility tests vary based upon method.	
<b>0097303</b>	<b>Anaplasma phagocytophilum (HGA) Antibodies, IgG &amp; IgM</b>	<b>HGE G/M</b>
<b>Methodology:</b>	Semi-Quantitative Indirect Fluorescent Antibody	
<b>Specimen Required:</b>	<p><u>Collect:</u> Serum separator tube.</p> <p><u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.05 mL)</p> <p><u>Storage/Transport Temperature:</u> Refrigerated.</p> <p><u>Unacceptable Conditions:</u> Bacterially contaminated, heat-inactivated, hemolyzed, icteric, lipemic, or turbid specimens.</p> <p><u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year</p>	
<b>CPT Code(s):</b>	86666 x2	
<b>0097317</b>	<b>Anaplasma phagocytophilum (HGA) Antibody, IgG</b>	<b>HGE IGG</b>
<b>Methodology:</b>	Semi-Quantitative Indirect Fluorescent Antibody	
<b>Specimen Required:</b>	<p><u>Collect:</u> Serum separator tube.</p> <p><u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.05 mL)</p> <p><u>Storage/Transport Temperature:</u> Refrigerated.</p> <p><u>Unacceptable Conditions:</u> Bacterially contaminated, heat inactivated, hemolyzed, icteric, lipemic, or turbid specimens.</p> <p><u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year</p>	
<b>CPT Code(s):</b>	86666	
<b>0097318</b>	<b>Anaplasma phagocytophilum (HGA) Antibody, IgM</b>	<b>HGE IGM</b>
<b>Methodology:</b>	Semi-Quantitative Indirect Fluorescent Antibody	
<b>Specimen Required:</b>	<p><u>Collect:</u> Serum separator tube.</p> <p><u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.05 mL)</p> <p><u>Storage/Transport Temperature:</u> Refrigerated.</p> <p><u>Unacceptable Conditions:</u> Bacterially contaminated, heat inactivated, hemolyzed, icteric, lipemic, or turbid specimens.</p> <p><u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year</p>	
<b>CPT Code(s):</b>	86666	
<b>2003439</b>	<b>Anaplastic Lymphoma Kinase 1 (ALK-1) by Immunohistochemistry</b>	<b>ALK1 IHC</b>
<b>Methodology:</b>	Immunohistochemistry	
<b>Specimen Required:</b>	<p><u>Collect:</u> Tissue or cells.</p> <p><u>Specimen Preparation:</u> Formalin fix (10% neutral buffered formalin is preferred) and paraffin embed specimen (Cells must be prepared into a cellblock). If sending precut slides, do not oven bake. Protect paraffin block and/or slides from excessive heat. Ship in cooled container during summer months.</p> <p><u>Storage/Transport Temperature:</u> Room temperature or refrigerated.</p> <p><u>Remarks:</u> <b>IMMUNOHISTOCHEMISTRY ORDERING AND SUBMISSION DETAILS:</b> Submit electronic request. If you do not have electronic ordering capability, use an ARUP Immunohistochemistry Stain Form (#32978) with an ARUP client number. For additional technical details, please contact ARUP Client Services.</p> <p><u>Unacceptable Conditions:</u> Depleted specimens. Specimens submitted with non-representative tissue type.</p> <p><u>Stability:</u> Ambient: Indefinite; Refrigerated: Indefinite; Frozen: Indefinite</p>	
<b>CPT Code(s):</b>	88342	
<b>2005419</b>	<b>Androstenediol Glucuronide Quantitative</b>	<b>ANDRO GLUC</b>
<b>Methodology:</b>	Quantitative RIA after Hydrolysis of Glucuronide and Chromatography	
<b>Specimen Required:</b>	<p><u>Collect:</u> Plain red.</p> <p><u>Specimen Preparation:</u> Separate serum from cells within 1 hour. Transfer 2 mL serum to an ARUP Standard Transport Tube and freeze immediately. (Min: 0.7 mL)</p> <p><u>Storage/Transport Temperature:</u> <b>CRITICAL FROZEN. Separate specimens must be submitted when multiple tests are ordered.</b></p> <p><u>Stability:</u> Ambient: Unacceptable; Refrigerated: Unacceptable; Frozen: 3 months</p>	
<b>CPT Code(s):</b>	82154	
<b>2001638</b>	<b>Androstenedione</b>	<b>ANDRO TMS</b>
<b>Methodology:</b>	Quantitative High Performance Liquid Chromatography-Tandem Mass Spectrometry	
<b>Specimen Required:</b>	<p><u>Patient Preparation:</u> Specimen should be collected between 6-10 a.m.</p> <p><u>Collect:</u> Serum separator tube or green (sodium or lithium heparin).</p> <p><u>Specimen Preparation:</u> Transfer 1 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.3 mL) Also acceptable: EDTA plasma.</p> <p><u>Storage/Transport Temperature:</u> Refrigerated.</p>	

<b>CPT Code(s):</b>	<u>Stability:</u> After separation from cells: Ambient: 24 hours; Refrigerated: 1 week; Frozen: 6 months 82157	
<b>0040208</b>	<b>Aneuploidy Panel by FISH</b>	<b>FISHANEU</b>
<b>Methodology:</b>	Fluorescence in situ Hybridization	
<b>Specimen Required:</b>	<u>Collect:</u> Green (sodium heparin). <u>Specimen Preparation:</u> <b>Do not freeze or expose to extreme temperatures.</b> Transport 5 mL whole blood. (Min: 1 mL) Specimen and completed test request form, including clinical indication, must be received within 48 hours of collection. <u>Storage/Transport Temperature:</u> Room temperature. <u>Remarks:</u> This test must be ordered using Cytogenetic test request form #43097 or through your ARUP interface. Submit the Patient History for Cytogenetic (Chromosome) Studies with the electronic packing list (available at <a href="http://www.aruplab.com/genetics/forms.php">http://www.aruplab.com/genetics/forms.php</a> ). <u>Unacceptable Conditions:</u> Frozen specimens. Clotted specimens. <u>Stability:</u> Ambient: 48 hours; Refrigerated: Unacceptable; Frozen: Unacceptable	
<b>CPT Code(s):</b>	88271 x5 DNA probe; 88275 x5 Interphase in situ hybridization 100-300 each; 88291 Interpretation and report - Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.	
<b>2005077</b>	<b>Angelman Syndrome and Prader-Willi Syndrome by Methylation</b>	<b>AS PWS</b>
<b>Methodology:</b>	Methylation Sensitive Polymerase Chain Reaction/Fluorescence Monitoring	
<b>Specimen Required:</b>	<u>Collect:</u> Lavender (EDTA), pink (K <sub>2</sub> EDTA), or yellow (ACD Solution A or B). <u>Specimen Preparation:</u> Transport 3 mL whole blood. (Min: 1 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Stability:</u> Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable	
<b>CPT Code(s):</b>	83891 Isolation; 83898 Amplification; 83912 Interpretation and report - Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.	
<b>2005564</b>	<b>Angelman Syndrome (UBE3A) Sequencing</b>	<b>UBE3A FGS</b>
<b>Methodology:</b>	Polymerase Chain Reaction/Sequencing	
<b>Specimen Required:</b>	<u>Collect:</u> Lavender (EDTA), pink (K <sub>2</sub> EDTA) or yellow (ACD Solution A or B). <u>Specimen Preparation:</u> Transport 3 mL whole blood. (Min: 1 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Stability:</u> Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable	
<b>CPT Code(s):</b>	Sequencing: 83891 Isolation; 83898 x16 Amplification; 83904 x16 Sequencing; 83909 Capillary electrophoresis; 83912 Interpretation and report - Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.	
<b>0098771</b>	<b>Angiotensin II</b>	<b>ANGIO II</b>
<b>Methodology:</b>	Immunoassay	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Patient should remain in a recumbent posture for at least 30 minutes prior to collection of specimen. Diuretics, mineralocorticoids, glucocorticoids, estrogens, oral contraceptives, ACTH medications, sodium, potassium, and posture all affect Angiotensin levels. <u>Collect:</u> Lavender (EDTA). <u>Specimen Preparation:</u> Separate plasma from cells ASAP or within 2 hours of collection. Keep cold during centrifugation. Transfer 1 mL plasma to an ARUP Standard Transport Tube. (Min: 0.3 mL) <u>Storage/Transport Temperature:</u> <b>CRITICAL FROZEN. Separate specimens must be submitted when multiple tests are ordered.</b> <u>Unacceptable Conditions:</u> <u>Stability:</u> Ambient: Unacceptable; Refrigerated: Unacceptable; Frozen: 6 months	
<b>CPT Code(s):</b>	82163	
<b>0098974</b>	<b>Angiotensin Converting Enzyme, CSF</b>	<b>ACE CSF</b>
<b>Methodology:</b>	Quantitative Spectrophotometry	
<b>Specimen Required:</b>	<u>Collect:</u> CSF. <u>Specimen Preparation:</u> Transfer 1 mL CSF to an ARUP Standard Transport Tube. (Min: 0.3 mL) <u>Storage/Transport Temperature:</u> Frozen. <u>Unacceptable Conditions:</u> Hemolyzed or xanthochromic specimens. <u>Stability:</u> Ambient: 4 hours; Refrigerated: 1 week; Frozen: 6 months	
<b>CPT Code(s):</b>	82164	
<b>0080001</b>	<b>Angiotensin Converting Enzyme, Serum</b>	<b>ACE</b>
<b>Methodology:</b>	Quantitative Enzymatic	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube. <u>Specimen Preparation:</u> Allow specimen to clot completely at room temperature. Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> EDTA or heparin plasma. <u>Stability:</u> After separation from cells: Ambient: 1 week; Refrigerated: 1 week; Frozen: 2 months	
<b>CPT Code(s):</b>	82164	
<b>0081335</b>	<b>1,5 Anhydroglucitol (GlycoMark®)</b>	<b>GLYCO MARK</b>
<b>Methodology:</b>	Quantitative Enzymatic	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube or lavender (EDTA). <u>Specimen Preparation:</u> Transfer 1 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.2 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Stability:</u> After separation from cells: Ambient: 1 week; Refrigerated: 1 week; Frozen: 1 month	
<b>CPT Code(s):</b>	84378	
<b>0050392</b>	<b>Ankylosing Spondylitis (HLA-B27) Genotyping</b>	<b>HLAB27 PCR</b>
<b>Methodology:</b>	Polymerase Chain Reaction/Fluorescence Monitoring	
<b>Specimen Required:</b>	<u>Collect:</u> Lavender (EDTA), pink (K <sub>2</sub> EDTA), or yellow (ACD Solution A or B).	

	<u>Specimen Preparation:</u> Do not freeze. Transport 3 mL whole blood. (Min: 1 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Stability:</u> Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable	
<b>CPT Code(s):</b>	83891 Isolation; 83898 Amplification; 83912 Interpretation and report. Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.	
<b>2003463</b>	<b>Anti-Human Epithelial Antigen, Ber-EP4 by Immunohistochemistry</b>	<b>BEREP4 IHC</b>
<b>Methodology:</b>	Immunohistochemistry	
<b>Specimen Required:</b>	<u>Collect:</u> Tissue or cells. <u>Specimen Preparation:</u> Formalin fix (10% neutral buffered formalin is preferred) and paraffin embed specimen (Cells must be prepared into a cellblock). If sending precut slides, do not oven bake. Protect paraffin block and/or slides from excessive heat. Ship in cooled container during summer months. <u>Storage/Transport Temperature:</u> Room temperature or refrigerated. <u>Remarks:</u> <b>IMMUNOHISTOCHEMISTRY ORDERING AND SUBMISSION DETAILS:</b> Submit electronic request. If you do not have electronic ordering capability, use an ARUP Immunohistochemistry Stain Form (#32978) with an ARUP client number. For additional technical details, please contact ARUP Client Services. <u>Unacceptable Conditions:</u> Depleted specimens. Specimens submitted with non-representative tissue type. <u>Stability:</u> Ambient: Indefinite; Refrigerated: Indefinite; Frozen: Indefinite	
<b>CPT Code(s):</b>	88342	
<b>2002656</b>	<b>Anti-Mullerian Hormone</b>	<b>AMH</b>
<b>Methodology:</b>	Quantitative Enzyme-Linked Immunosorbent Assay	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube or plain red. <u>Specimen Preparation:</u> Transport 0.5 mL serum. (Min: 0.2 mL) <u>Storage/Transport Temperature:</u> Frozen. <u>Unacceptable Conditions:</u> Room temperature specimens. Hemolyzed or lipemic specimens. <u>Stability:</u> Ambient: Unacceptable; Refrigerated: 48 hours; Frozen: 30 days (avoid repeated freeze/thaw cycles)	
<b>CPT Code(s):</b>	83520	
<b>0050811</b>	<b>Anti-Neutrophil Cytoplasmic Antibody, IgG</b>	<b>ANCA IFA</b>
<b>Methodology:</b>	Semi-Quantitative Indirect Fluorescent Antibody	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.15 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> CSF, plasma, urine, or other body fluids. Contaminated, hemolyzed, or severely lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)	
<b>CPT Code(s):</b>	86255 ANCA; if positive, add 86256 ANCA titer	
<b>2002068</b>	<b>Anti-Neutrophil Cytoplasmic Antibody with Reflex to Titer &amp; MPO/PR-3 Antibodies</b>	<b>ANCA PN</b>
<b>Methodology:</b>	Semi-Quantitative Indirect Fluorescent Antibody/Semi-Quantitative Multi-Analyte Fluorescent Detection	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> CSF, plasma, urine, or other body fluids. Contaminated, hemolyzed, or severely lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)	
<b>CPT Code(s):</b>	86255 ANCA; if reflexed, add 86256 ANCA titer and 83516 MPO; 83516 PR-3	
<b>0050080</b>	<b>Anti-Nuclear Antibodies (ANA), IgG by ELISA with Reflex to ANA, IgG by IFA</b>	<b>ANA</b>
<b>Methodology:</b>	Qualitative Enzyme-Linked Immunosorbent Assay (ELISA)/Semi-Quantitative Indirect Fluorescent Antibody (IFA)	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.3 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Plasma. Contaminated, hemolyzed, or severely lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)	
<b>CPT Code(s):</b>	86038 ANA; if reflexed, add 86039 ANA titer	
<b>0050317</b>	<b>Anti-Nuclear Antibody (ANA), IgG by ELISA with Reflexes to ANA by IFA and to dsDNA, RNP, Smith, SSA, and SSB Antibodies</b>	<b>ANA REF</b>
<b>Methodology:</b>	Qualitative Enzyme-Linked Immunosorbent Assay/Semi-Quantitative Indirect Fluorescent Antibody/Semi-Quantitative Multi-Analyte Fluorescent Detection	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 2 mL serum to an ARUP Standard Transport Tube. (Min: 0.6 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Plasma. Contaminated, hemolyzed, or severely lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)	
<b>CPT Code(s):</b>	86038 ANA; if reflexed, add 86039 ANA titer; if reflexed add 86235 RNP and 86235 Smith and 86235 SSA and 86235 SSB and 86225 dsDNA; if reflexed, add 86256 dsDNA titer.	
<b>0060845</b>	<b>Antibiotic Level, Aztreonam</b>	<b>ML AZTREQ</b>
<b>Methodology:</b>	Quantitative Bioassay	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red. <u>Specimen Preparation:</u> Aseptically remove 3 mL serum to a sterile tube (ARUP Supply #43115) and freeze. Available online through eSupply using ARUP Connect™ or contact ARUP Client Services at (800) 522-2787. (Min: 1 mL) <u>Storage/Transport Temperature:</u> Frozen.	

Remarks: Required information includes: time and date of collection, time of last dose, and list of all antibiotics that the patient is receiving or has received in the past 48 hours.

Unacceptable Conditions: Plasma.

Stability: Ambient: 2 hours; Refrigerated: 24 hours; Frozen: 1 week

CPT Code(s): 80299

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**2004886 Antibiotic Level, Ceftazidime ML CEFTAZ**

**Methodology:** Bioassay

**Specimen Required:** Collect: Plain red.

Specimen Preparation: Aseptically remove 3 mL serum to a sterile tube (ARUP Supply #43115) and freeze. Available online through eSupply using ARUP Connect™ or contact ARUP Client Services at (800) 522-2787. (Min: 1 mL)

Storage/Transport Temperature: Frozen.

Remarks: Required information includes: time and date of collection, time of last dose, and list of all antibiotics that the patient is receiving or has received in the past 48 hours.

Unacceptable Conditions: Plasma. Delayed transport of non-frozen specimens. Inadequate information.

Stability: Ambient: 2 hours; Refrigerated: 24 hours (local clients only); Frozen: 1 week

CPT Code(s): 80299

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**0060844 Antibiotic Level, Meropenem ML MERO**

**Methodology:** Quantitative Bioassay

**Specimen Required:** Collect: Plain red.

Specimen Preparation: Aseptically remove 3 mL serum to a sterile tube (ARUP Supply #43115) and freeze. Available online through eSupply using ARUP Connect™ or contact ARUP Client Services at (800) 522-2787. (Min: 1 mL)

Storage/Transport Temperature: Frozen.

Remarks: Required information includes: time and date of collection, time of last dose, and list of all antibiotics that the patient is receiving or has received in the past 48 hours.

Unacceptable Conditions: Plasma. Delayed transport of non-frozen specimens. Inadequate information.

Stability: Ambient: 2 hours; Refrigerated: 24 hours; Frozen: 1 week

CPT Code(s): 80299

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**0060843 Antibiotic Level, Nafcillin ML NAF**

**Methodology:** Quantitative Bioassay

**Specimen Required:** Collect: Plain red.

Specimen Preparation: Aseptically remove 3 mL serum to a sterile tube (ARUP Supply #43115) and freeze. Available online through eSupply using ARUP Connect™ or contact ARUP Client Services at (800) 522-2787. (Min: 1 mL)

Storage/Transport Temperature: Frozen.

Remarks: Required information includes: time and date of collection, time of last dose, and list of all antibiotics that the patient is receiving or has received in the past 48 hours.

Unacceptable Conditions: Plasma. Delayed transport of non-frozen specimens. Inadequate information.

Stability: Ambient: 2 hours; Refrigerated: 24 hours; Frozen: 1 week

CPT Code(s): 80299

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**0060842 Antibiotic Level, Piperacillin ML PIP**

**Methodology:** Quantitative Bioassay

**Specimen Required:** Collect: Plain red.

Specimen Preparation: Aseptically remove 3 mL serum to a sterile tube (ARUP Supply #43115) and freeze. Available online through eSupply using ARUP Connect™ or contact ARUP Client Services at (800) 522-2787. (Min: 1 mL)

Storage/Transport Temperature: Frozen.

Remarks: Required information includes: time and date of collection, time of last dose, and list of all antibiotics that the patient is receiving or has received in the past 48 hours.

Unacceptable Conditions: Plasma. Delayed transport of non-frozen specimens. Inadequate information.

Stability: Ambient: 2 hours; Refrigerated: 24 hours; Frozen: 1 week

CPT Code(s): 80299

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**0060841 Antibiotic Level, Ticarcillin ML TICAR**

**Methodology:** Quantitative Bioassay

**Specimen Required:** Collect: Plain red.

Specimen Preparation: Aseptically remove 3 mL serum to a sterile tube (ARUP Supply #43115) and freeze. Available online through eSupply using ARUP Connect™ or contact ARUP Client Services at (800) 522-2787. (Min: 1 mL)

Storage/Transport Temperature: Frozen.

Remarks: Required information includes: time and date of collection, time of last dose, and list of all antibiotics that the patient is receiving or has received in the past 48 hours.

Unacceptable Conditions: Plasma. Delayed transport of non-frozen specimens. Inadequate information.

Stability: Ambient: 2 hours; Refrigerated: 24 hours; Frozen: 1 week

CPT Code(s): 80299

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**0010004 Antibody Detection, RBC IRL-ABSC**

**Methodology:** Hemagglutination

**Specimen Required:** Collect: Plain red AND lavender (EDTA) or pink (K<sub>2</sub>EDTA).

Specimen Preparation: **Do not freeze.**

Transport 10 mL whole blood (plain red) (Min: 7 mL). **AND** 5 mL whole blood (EDTA) (Min: 3 mL).

**Pediatric:** Transport 1 mL whole blood (plain red). **AND** 0.5 mL whole blood (EDTA).

Storage/Transport Temperature: Refrigerated.

Remarks:

Unacceptable Conditions: Separator tubes.

Stability: Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable

CPT Code(s): 86850

<b>0013003</b>	<b>Antibody ID Package (IRL)</b>	<b>IRL-AB PKG</b>
<b>Methodology:</b>	Hemagglutination	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red <b>AND</b> lavender (EDTA) or pink (K <sub>2</sub> EDTA). <u>Specimen Preparation:</u> <b>Do not freeze.</b> Transport 10 mL whole blood (plain red) (Min: 7 mL). <b>AND</b> 5 mL whole blood (EDTA) (Min: 3 mL). <u>Storage/Transport Temperature:</u> Refrigerated. Deliver to lab immediately.	
	<u>Remarks:</u> <u>Unacceptable Conditions:</u> Separator tubes. <u>Stability:</u> Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable	
<b>CPT Code(s):</b>	86900 ABO; 86901 Rh; 86906 Rh Phen; 86880 DC; 86870 x3 ABID	
<b>0013005</b>	<b>Antibody Identification, RBC (Prenatal Only)</b>	<b>IRL-ABID</b>
<b>Methodology:</b>	Hemagglutination	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red <b>AND</b> lavender (EDTA), pink (K <sub>2</sub> EDTA) or yellow (ACD solution). <u>Specimen Preparation:</u> <b>Do not freeze.</b> Transport 10 mL whole blood (plain red) (Min: 7 mL). <b>AND</b> 5 mL whole blood (EDTA) (Min: 3 mL) Also acceptable: Plasma, serum, or clot. <u>Storage/Transport Temperature:</u> Refrigerated.	
	<u>Remarks:</u> <u>Unacceptable Conditions:</u> Separator tubes. <u>Stability:</u> Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable	
<b>CPT Code(s):</b>	86900 ABO; 86901 Rh; 86880 DC; 86870 ABID; 86906 Rh Phenotyping	
<b>0010020</b>	<b>Antibody Screen RBC with Reflex to Identification</b>	<b>ABSC-R</b>
<b>Methodology:</b>	Solid Phase	
<b>Specimen Required:</b>	<u>Collect:</u> Lavender (EDTA) or pink (K <sub>2</sub> EDTA). <u>Specimen Preparation:</u> <b>Do not freeze.</b> Transport 7 mL whole blood. (Min: 3 mL) <u>Storage/Transport Temperature:</u> Refrigerated.	
	<u>Remarks:</u> <u>Unacceptable Conditions:</u> Plasma Separator Tubes. <u>Stability:</u> Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable	
<b>CPT Code(s):</b>	86850 Ab Screen; if reflexed as part of Prenatal Reflexive Panel (0095044): add 86870 Ab Identification; 86880 Direct Coombs; and 86906 Rh Phenotype	
<b>0013006</b>	<b>Antibody Titer</b>	<b>IRL-ABTR1</b>
<b>Methodology:</b>	Hemagglutination	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or lavender (EDTA). <u>Specimen Preparation:</u> <b>Do not freeze.</b> Transport 10 mL whole blood. <u>Storage/Transport Temperature:</u> Refrigerated.	
	<u>Remarks:</u> <u>Unacceptable Conditions:</u> Separator tubes. <u>Stability:</u> Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable	
<b>CPT Code(s):</b>	86886	
<b>0090601</b>	<b>Antidepressant Panel Quantitation, Serum or Plasma</b>	<b>ANTIDEP</b>
<b>Methodology:</b>	Quantitative Gas Chromatography/Gas Chromatography-Mass Spectrometry	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red, lavender (EDTA), or pink (K <sub>2</sub> EDTA). <u>Specimen Preparation:</u> Separate from cells within 2 hours. Transfer 3 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 1.2 mL) <u>Storage/Transport Temperature:</u> Refrigerated.	
	<u>Unacceptable Conditions:</u> Separator tubes. <u>Stability:</u> Ambient: 1 week; Refrigerated: 2 weeks; Frozen: 2 weeks	
<b>CPT Code(s):</b>	82542	
<b>0096048</b>	<b>Antidepressant Panel Quantitation, Urine</b>	<b>ANTIDEP U</b>
<b>Methodology:</b>	Quantitative Gas Chromatography/Gas Chromatography-Mass Spectrometry	
<b>Specimen Required:</b>	<u>Collect:</u> Random urine. <u>Storage/Transport Temperature:</u> 2 mL urine at 2-8°C. (Min: 0.7 mL) Submit specimen in an ARUP Standard Transport Tube.	
	<u>Stability:</u> Ambient: 1 week; Refrigerated: 11 days; Frozen: 2 weeks	
<b>CPT Code(s):</b>	82542	
<b>0060846</b>	<b>Antifungal Level, 5-Fluorocytosine</b>	<b>ML 5-FLUOR</b>
<b>Methodology:</b>	Quantitative Bioassay	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red. <u>Specimen Preparation:</u> Aseptically remove 3 mL serum to a sterile tube (ARUP Supply #43115) and freeze. Available online through eSupply using ARUP Connect™ or contact ARUP Client Services at (800) 522-2787. (Min: 1 mL) <u>Storage/Transport Temperature:</u> Frozen.	
	<u>Remarks:</u> Required information includes: time and date of collection, time of last dose, and list of all antibiotics that the patient is receiving or has received in the past 48 hours. <u>Unacceptable Conditions:</u> Plasma. Delayed transport of non-frozen specimens. Inadequate information.	
	<u>Stability:</u> Ambient: 2 hours; Refrigerated: 24 hours; Frozen: 1 week	
<b>CPT Code(s):</b>	80299	
<b>0013298</b>	<b>Antigen Testing, AHG - Specify Individual RBC Antigen</b>	<b>IRL-AG/AHG</b>
<b>Methodology:</b>	Hemagglutination	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red. Also acceptable: Lavender (EDTA) or pink (K <sub>2</sub> EDTA). <u>Specimen Preparation:</u> <b>Do not freeze.</b> Transport 7 mL whole blood. <u>Pediatric:</u> Transport 0.5 mL whole blood. <u>Storage/Transport Temperature:</u> Refrigerated.	

	<p>Remarks:  <u>Unacceptable Conditions:</u> Separator tubes.  <u>Stability:</u> Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable</p>	
CPT Code(s):	86905 each antigen	
<b>0013297</b>	<b>Antigen Testing, Direct - Specify Individual RBC Antigen</b>	<b>IRL-AG/DIR</b>
<b>Methodology:</b>	Hemagglutination	
<b>Specimen Required:</b>	<p><u>Collect:</u> Plain red. Also acceptable: Lavender (EDTA) or pink (K<sub>2</sub>EDTA).  <u>Specimen Preparation:</u> <b>Do not freeze.</b>  Transport 7 mL whole blood.  <b>Pediatric:</b> Transport 0.5 mL whole blood.  <u>Storage/Transport Temperature:</u> Refrigerated.  <u>Remarks:</u>  <u>Unacceptable Conditions:</u> Separator tubes.  <u>Stability:</u> Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable</p>	
CPT Code(s):	86905 each antigen	
<b>0013020</b>	<b>Antigen Testing, RBC Phenotype Extended</b>	<b>IRL-EXPHEN</b>
<b>Methodology:</b>	Hemagglutination	
<b>Specimen Required:</b>	<p><u>Collect:</u> Plain red, lavender (EDTA), or pink (K<sub>2</sub>EDTA).  <u>Specimen Preparation:</u> <b>Do not freeze.</b>  Transport 7 mL whole blood (plain red) <b>OR</b> 5 mL whole blood (EDTA).  <b>Pediatric:</b> Transport 0.5 mL whole blood.  <u>Storage/Transport Temperature:</u> Refrigerated.  <u>Remarks:</u>  <u>Unacceptable Conditions:</u> Separator tubes.  <u>Stability:</u> Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable</p>	
CPT Code(s):	86906 Rh phenotype (DCEc); 86905 x8 Other antigens; add 86905 for each additional antigen not listed above	
<b>0013019</b>	<b>Antigen Testing, Rh Phenotype</b>	<b>IRL-RHPHEN</b>
<b>Methodology:</b>	Hemagglutination	
<b>Specimen Required:</b>	<p><u>Collect:</u> Plain red, lavender (EDTA), or pink (K<sub>2</sub>EDTA).  <u>Specimen Preparation:</u> <b>Do not freeze.</b> Transport 7 mL whole blood (plain red) <b>OR</b> 5 mL whole blood (EDTA).  <b>Pediatric:</b> Transport 0.5 mL whole blood.  <u>Storage/Transport Temperature:</u> Refrigerated.  <u>Remarks:</u>  <u>Unacceptable Conditions:</u> Separator tubes.  <u>Stability:</u> Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable</p>	
CPT Code(s):	86906	
<b>2003126</b>	<b>Anti-IgA Antibody</b>	<b>ANTI IGA</b>
<b>Methodology:</b>	Quantitative Enzyme-Linked Immunosorbent Assay	
<b>Specimen Required:</b>	<p><u>Collect:</u> Plain red or serum separator tube.  <u>Specimen Preparation:</u> Transfer 1 mL serum to an ARUP standard Transport Tube. (Min: 0.5 mL)  <u>Storage/Transport Temperature:</u> Refrigerated. Also acceptable: Room temperature or frozen.  <u>Stability:</u> Ambient: 1 week; Refrigerated: 2 weeks; Frozen: 3 months</p>	
CPT Code(s):	83520	
<b>0092103</b>	<b>Antimicrobial Level-Amphotericin B by HPLC</b>	<b>AMPHO B</b>
<b>Methodology:</b>	High Performance Liquid Chromatography	
<b>Specimen Required:</b>	<p><u>Collect:</u> Plain red.  <u>Specimen Preparation:</u> Protect from light. Transfer 2 mL serum to an ARUP Amber Transport Tube. (Min: 0.5 mL)  <u>Storage/Transport Temperature:</u> <b>CRITICAL FROZEN. Separate specimens must be submitted when multiple tests are ordered.</b>  <u>Unacceptable Conditions:</u> Thawed specimens. Specimens not protected from light. Serum separator tubes.  <u>Stability:</u> Ambient: Unacceptable; Refrigerated: Unacceptable; Frozen: 2 weeks</p>	
CPT Code(s):	80299	
<b>0099972</b>	<b>Antimicrobial Level - Capreomycin (Serum) by HPLC</b>	<b>CAPREOMY</b>
<b>Methodology:</b>	High Performance Liquid Chromatography	
<b>Specimen Required:</b>	<p><u>Patient Preparation:</u> Draw two hours post does and just prior to next dose.  <u>Collect:</u> Plain red.  <u>Specimen Preparation:</u> Freeze at -70°C ASAP. Transport 2 mL serum on dry ice. (Min: 1 mL)  <u>Storage/Transport Temperature:</u> <b>CRITICAL FROZEN. Separate specimens must be submitted when multiple tests are ordered.</b>  <u>Remarks:</u> Drugs which may interfere with this assay include: Sulindac. List all other antimicrobials being used to treat the patient.  <u>Unacceptable Conditions:</u> Separator tubes.  <u>Stability:</u> Ambient: Unacceptable; Refrigerated: Unacceptable; Frozen: 2 weeks</p>	
CPT Code(s):	80299	
<b>0093142</b>	<b>Antimicrobial Level - Doxycycline (Serum), BA</b>	<b>DOXY</b>
<b>Methodology:</b>	Quantitative Bioassay	
<b>Specimen Required:</b>	<p><u>Collect:</u> Plain red.  <u>Specimen Preparation:</u> Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL)  <u>Storage/Transport Temperature:</u> <b>CRITICAL FROZEN. Separate specimens must be submitted when multiple tests are ordered.</b>  <u>Remarks:</u> List all other antimicrobials being used to treat the patient.  <u>Unacceptable Conditions:</u> Thawed specimens. Separator tubes.  <u>Stability:</u> Ambient: Unacceptable; Refrigerated: Unacceptable; Frozen: 1 month</p>	
CPT Code(s):	80299	

<b>0099428</b>	<b>Antimicrobial Level - Isoniazid (Serum) by HPLC</b>	<b>ISONIAZID</b>
<b>Methodology:</b>	High Performance Liquid Chromatography	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red. <u>Specimen Preparation:</u> Transport 2 mL serum. (Min: 1 mL) <u>Storage/Transport Temperature:</u> Frozen. <u>Remarks:</u> Include draw time on request form. Drugs which may interfere with this assay include: Iproniazid. List all other antimicrobials being used to treat the patient. <u>Unacceptable Conditions:</u> Separator tubes. Refrigerated or room temperature specimens. <u>Stability:</u> Ambient: Unacceptable; Refrigerated: Unacceptable; Frozen: 2 weeks	
<b>CPT Code(s):</b>	<b>80299</b>	
<b>0099438</b>	<b>Antimicrobial Level - Rifampin (Serum), HPLC</b>	<b>RIFAMPIN</b>
<b>Methodology:</b>	Semi-Quantitative High Performance Liquid Chromatography	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red. <u>Specimen Preparation:</u> Protect from light. Transport 2 mL serum. (Min: 1 mL) <u>Storage/Transport Temperature:</u> Frozen. <u>Unacceptable Conditions:</u> Serum separator tubes. Room temperature or refrigerated specimens. <u>Stability:</u> Ambient: Unacceptable; Refrigerated: Unacceptable; Frozen: 2 weeks	
<b>CPT Code(s):</b>	80299	
<b>0092065</b>	<b>Antimicrobial Level - Streptomycin, HPLC</b>	<b>STP MYCIN</b>
<b>Methodology:</b>	High Performance Liquid Chromatography	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red. <u>Specimen Preparation:</u> Transfer 1 mL serum to an ARUP Standard Transport Tube (Min: 0.5 mL) <u>Storage/Transport Temperature:</u> <b>CRITICAL FROZEN. Separate specimens must be submitted when multiple tests are ordered.</b> <u>Remarks:</u> List all other antimicrobials being used to treat the patient. <u>Unacceptable Conditions:</u> Separator tubes. <u>Stability:</u> Ambient: Unacceptable; Refrigerated: Unacceptable; Frozen: Indefinitely	
<b>CPT Code(s):</b>	80299	
<b>0060217</b>	<b>Antimicrobial Susceptibility - AFB/Mycobacteria</b>	<b>MA AFB</b>
<b>Methodology:</b>	Varies with organism identification	
<b>Specimen Required:</b>	<u>Collect:</u> Actively growing isolate in pure culture. <u>Specimen Preparation:</u> Transfer viable organism to sealed container. <u>Storage/Transport Temperature:</u> Room temperature. Submit specimen according to Infectious Substance, Category A, shipping guidelines. <u>Unacceptable Conditions:</u> Mixed cultures or non-viable organisms. Organisms submitted on an agar plate. <u>Stability:</u> Ambient: 2 weeks; Refrigerated: 2 weeks; Frozen: 2 weeks	
<b>0060347</b>	<b>Antimicrobial Susceptibility - AFB/Mycobacterium tuberculosis Primary Panel</b>	<b>MA MTBPRIM</b>
<b>Methodology:</b>	Macrotube Dilution (MGIT™ 960)	
<b>Specimen Required:</b>	<u>Collect:</u> Actively growing isolate of <i>Mycobacterium tuberculosis</i> in pure culture on solid or liquid media. <u>Specimen Preparation:</u> Transfer organism to sealed container. <u>Storage/Transport Temperature:</u> Room temperature. Submit specimen according to Infectious Substance, Category A, shipping guidelines. <u>Stability:</u> Ambient: 2 weeks; Refrigerated: 2 weeks; Frozen: Unacceptable	
<b>CPT Code(s):</b>	87188 x4	
<b>0060202</b>	<b>Antimicrobial Susceptibility - Anaerobe</b>	<b>MA ANA</b>
<b>Methodology:</b>	Broth Microdilution	
<b>Specimen Required:</b>	<u>Collect:</u> Actively growing organism in pure culture. <u>Specimen Preparation:</u> Transport sealed container with pure culture on agar slant in anaerobic transport pouch or on a swab in anaerobic transport media. <u>Storage/Transport Temperature:</u> Room temperature. Submit specimen according to Biological Substance, Category B, shipping guidelines. <u>Remarks:</u> Specimen source required. <u>Unacceptable Conditions:</u> Aerobic conditions. Mixed cultures or non-viable organisms. <u>Stability:</u> Ambient: 72 hours; Refrigerated: Unacceptable; Frozen: Unacceptable	
<b>CPT Code(s):</b>	87186	
<b>0060204</b>	<b>Antimicrobial Susceptibility - Bactericidal Assay</b>	<b>MA BCT</b>
<b>Methodology:</b>	Broth Dilution (Schlichter)	
<b>Specimen Required:</b>	<u>Collect:</u> Actively growing isolate in pure culture <b>AND</b> serum or body fluid. Collect using aseptic technique. <u>Specimen Preparation:</u> <b>Organism:</b> Transport sealed container with pure culture on agar slant or in bacterial transport media. <b>AND</b> transport 2 mL serum or body fluid. (Min: 1 mL) <u>Storage/Transport Temperature:</u> <b>Organism:</b> Room temperature. <b>Serum or Body Fluid:</b> Frozen. Submit specimen according to Biological Substance, Category B, shipping guidelines. <u>Remarks:</u> Send a copy of test request form with each specimen. <b>A LIST OF ALL ANTIBIOTICS THAT THE PATIENT IS RECEIVING OR HAS RECEIVED IN THE PAST 48 HOURS MUST BE PROVIDED</b> (this information is essential for performing this assay; missing information may cause delays in turnaround time). <u>Unacceptable Conditions:</u> Mixed cultures or non-viable organisms. Delayed transport of non-frozen serum or body fluid. Inadequate information. <u>Stability:</u> <b>Organism:</b> Ambient: 1 week; Refrigerated: Unacceptable; Frozen: Unacceptable <b>Serum or Body Fluid:</b> Ambient: 2 hours; Refrigerated: 24 hours; Frozen: 1 week	
<b>CPT Code(s):</b>	87197	
<b>2001503</b>	<b>Antimicrobial Susceptibility - Carbapenem Resistance</b>	<b>MA KPC</b>

<b>Methodology:</b>	Disk Diffusion	
<b>Specimen Required:</b>	<u>Collect:</u> Actively growing <i>Enterobacteriaceae</i> species in pure culture. <u>Specimen Preparation:</u> Transport sealed container with pure culture on agar slant or in bacterial transport media. <u>Storage/Transport Temperature:</u> Room temperature. Submit specimen according to Biological Substance, Category B, shipping guidelines. <u>Remarks:</u> Isolate identification required. <u>Unacceptable Conditions:</u> Mixed cultures or non-viable organisms. <u>Stability:</u> Ambient: 1 week; Refrigerated: 48 hours; Frozen: Unacceptable	
<b>CPT Code(s):</b>	87184	
<b>0060059</b>	<b>Antimicrobial Susceptibility - D-Test (Macrolide, Lincosamide, Streptogramin Resistance)</b>	<b>MA DTEST</b>
<b>Methodology:</b>	Disk Diffusion	
<b>Specimen Required:</b>	<u>Collect:</u> Actively growing <i>Staphylococcus</i> species or beta-hemolytic <i>Streptococcus</i> species in pure culture. <u>Specimen Preparation:</u> Transport sealed container with pure culture. <u>Storage/Transport Temperature:</u> Room temperature. Submit specimen according to Biological Substance, Category B, shipping guidelines. <u>Stability:</u> Ambient: 1 week; Refrigerated: Unacceptable; Frozen: Unacceptable	
<b>CPT Code(s):</b>	87184	
<b>0060706</b>	<b>Antimicrobial Susceptibility - <i>Enterobacteriaceae</i></b>	<b>MA ENTER</b>
<b>Methodology:</b>	Automated Broth Microdilution	
<b>Specimen Required:</b>	<u>Collect:</u> Actively growing isolate in pure culture. <u>Specimen Preparation:</u> Transport sealed container with pure culture on agar slant or in bacterial transport media. <u>Storage/Transport Temperature:</u> Room temperature. Submit specimen according to Biological Substance, Category B, shipping guidelines. <u>Remarks:</u> Isolate identification and specimen source required. <u>Unacceptable Conditions:</u> Mixed cultures or non-viable organisms. <u>Stability:</u> Ambient: 1 week; Refrigerated: Unacceptable; Frozen: Unacceptable	
<b>CPT Code(s):</b>	87186	
<b>0060708</b>	<b>Antimicrobial Susceptibility - <i>Enterococcus</i></b>	<b>MA ENTERO</b>
<b>Methodology:</b>	Automated Broth Microdilution	
<b>Specimen Required:</b>	<u>Collect:</u> Actively growing isolate in pure culture. <u>Specimen Preparation:</u> Transport sealed container with pure culture on agar slant or in bacterial transport media. <u>Storage/Transport Temperature:</u> Room temperature. Submit specimen according to Biological Substance, Category B, shipping guidelines. <u>Remarks:</u> Isolate identification and specimen source required. <u>Unacceptable Conditions:</u> Mixed cultures or non-viable organisms. <u>Stability:</u> Ambient: 1 week; Refrigerated: 48 hours; Frozen: Unacceptable	
<b>CPT Code(s):</b>	87186	
<b>0063999</b>	<b>Antimicrobial Susceptibility - Extended Spectrum Beta Lactamase</b>	<b>MA ESBL</b>
<b>Methodology:</b>	Disk Diffusion	
<b>Specimen Required:</b>	<u>Collect:</u> Actively growing <i>E. coli</i> , <i>Klebsiella</i> species, or <i>Proteus mirabilis</i> in pure culture. <u>Specimen Preparation:</u> Transport sealed container with pure culture on agar slant or in bacterial transport media. <u>Storage/Transport Temperature:</u> Room temperature. Submit specimen according to Biological Substance, Category B, shipping guidelines. <u>Remarks:</u> Isolate identification and specimen source required. <i>Proteus mirabilis</i> is tested only when isolated from a significant source (e.g., blood). <u>Unacceptable Conditions:</u> Mixed cultures or non-viable organisms. <u>Stability:</u> Ambient: 1 week; Refrigerated: 48 hours; Frozen: Unacceptable	
<b>CPT Code(s):</b>	87184	
<b>0060345</b>	<b>Antimicrobial Susceptibility - Fastidious Organism</b>	<b>MA FAST</b>
<b>Methodology:</b>	Broth Microdilution	
<b>Specimen Required:</b>	<u>Collect:</u> Actively growing isolate in pure culture. <u>Specimen Preparation:</u> Transport sealed container with pure culture on agar slant or in bacterial transport media. <u>Storage/Transport Temperature:</u> Room temperature. Submit specimen according to Biological Substance, Category B, shipping guidelines. <u>Unacceptable Conditions:</u> Mixed cultures or non-viable organisms. <u>Stability:</u> Ambient: 48 hours; Refrigerated: Unacceptable; Frozen: Unacceptable	
<b>CPT Code(s):</b>	87186	
<b>0060346</b>	<b>Antimicrobial Susceptibility - Gram Positive Rod</b>	<b>MA GPR</b>
<b>Methodology:</b>	Broth Microdilution	
<b>Specimen Required:</b>	<u>Collect:</u> Actively growing isolate in pure culture. <u>Specimen Preparation:</u> Transport sealed container with pure culture on agar slant or in bacterial transport media. <u>Storage/Transport Temperature:</u> Room temperature. Submit specimen according to Biological Substance, Category B, shipping guidelines. <u>Remarks:</u> Isolate identification and specimen source required. <u>Unacceptable Conditions:</u> Mixed cultures or non-viable organisms. <u>Stability:</u> Ambient: 1 week; Refrigerated: Unacceptable; Frozen: Unacceptable	
<b>CPT Code(s):</b>	87186	
<b>0060211</b>	<b>Antimicrobial Susceptibility - <i>mecA</i> Gene by PCR</b>	<b>MA MEC</b>
<b>Methodology:</b>	Qualitative Polymerase Chain Reaction	
<b>Specimen Required:</b>	<u>Collect:</u> Actively growing <i>Staphylococcus aureus</i> or coagulase-negative <i>Staphylococcus</i> , in pure culture. <u>Specimen Preparation:</u> Transport sealed container with pure culture on agar slant or in bacterial transport media.	

Storage/Transport Temperature: Room temperature. Submit specimen according to Biological Substance, Category B, shipping guidelines.

Remarks: Isolate identification and specimen source required.

Unacceptable Conditions: Mixed cultures or non-viable organisms.

Stability: Ambient: 1 week; Refrigerated: 1 week; Frozen: Unacceptable

CPT Code(s): 87641

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**0060201 Antimicrobial Susceptibility - MIC, Individual MA MIC**

**Methodology:** Gradient Diffusion (E-Test) or Broth Microdilution

**Specimen Required:** Collect: Actively growing isolate in pure culture.

Specimen Preparation: Transport sealed container with pure culture on agar slant or in bacterial transport media.

Storage/Transport Temperature: Room temperature. Submit specimen according to Biological Substance, Category B, shipping guidelines.

Remarks: Isolate identification and specimen source required. **Individual antibiotics must be specified.**

Unacceptable Conditions: Mixed cultures or non-viable organisms.

Stability: Ambient: 1 week; Refrigerated: Unacceptable; Frozen: Unacceptable

CPT Code(s): 87181 Gradient dilution or 87186 Broth dilution

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**0060203 Antimicrobial Susceptibility - MIC/MBC MA MBC**

**Methodology:** Broth Microdilution

**Specimen Required:** Collect: Actively growing isolate in pure culture.

Specimen Preparation: Transport sealed container with pure culture on agar slant or in bacterial transport media.

Storage/Transport Temperature: Room temperature. Submit specimen according to Biological Substance, Category B, shipping guidelines.

Remarks: Isolate identification and specimen source required. **Individual antibiotics must be specified.**

Unacceptable Conditions: Mixed cultures or non-viable organisms.

Stability: Ambient: 1 week; Refrigerated: Unacceptable; Frozen: Unacceptable

CPT Code(s): 87186 MIC; 87187 MBC

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**0060227 Antimicrobial Susceptibility - Mould Susceptibility MA MOULD**

**Methodology:** Broth Microdilution

**Specimen Required:** Collect: Actively growing mould in pure culture.

Specimen Preparation: Transport sealed container with pure culture on fungal medium slant.

Storage/Transport Temperature: Room temperature. Submit specimen according to Biological Substance, Category B, shipping guidelines.

Remarks: Isolate identification and specimen source required.

Unacceptable Conditions: Mixed cultures or non-viable moulds. Agar plates.

Stability: Ambient: 2 weeks; Refrigerated: 2 weeks; Frozen: Unacceptable

CPT Code(s): 87186

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**0060193 Antimicrobial Susceptibility - Nocardia MA NOC**

**Methodology:** Broth Microdilution

**Specimen Required:** Collect: Actively growing *Nocardia* isolate in pure culture.

Specimen Preparation: Transport sealed container with isolate in pure culture on agar slant.

Storage/Transport Temperature: Room temperature. Submit specimen according to Biological Substance, Category B, shipping guidelines.

Remarks: Isolate identification and specimen source required.

Unacceptable Conditions: Mixed cultures or non-viable organisms.

Stability: Ambient: 1 month; Refrigerated: 2 weeks; Frozen: Unacceptable

CPT Code(s): 87186

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**0060216 Antimicrobial Susceptibility - Nonfermenter MA NF**

**Methodology:** Broth Microdilution

**Specimen Required:** Collect: Actively growing isolate in pure culture.

Specimen Preparation: Transport sealed container with pure culture on agar slant.

Storage/Transport Temperature: Room temperature. Submit specimen according to Biological Substance, Category B, shipping guidelines.

Remarks: Isolate identification and specimen source required.

Unacceptable Conditions: Mixed cultures or non-viable organisms.

Stability: Ambient: 1 week; Refrigerated: 1 week; Frozen: Unacceptable

CPT Code(s): 87186

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**0060707 Antimicrobial Susceptibility - Staphylococcus MA STAPH**

**Methodology:** Automated Broth Microdilution

**Specimen Required:** Collect: Actively growing isolate in pure culture.

Specimen Preparation: Transport sealed container with pure culture on agar slant.

Storage/Transport Temperature: Room temperature. Submit specimen according to Biological Substance, Category B, shipping guidelines.

Remarks: Isolate identification and specimen source required.

Unacceptable Conditions: Mixed cultures or non-viable organisms.

Stability: Ambient: 1 week; Refrigerated: 1 week; Frozen: Unacceptable

CPT Code(s): 87186

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**0060221 Antimicrobial Susceptibility - Streptococcus pneumoniae MA SPN**

**Methodology:** Broth Microdilution

**Specimen Required:** Collect: Actively growing isolate in pure culture.

Specimen Preparation: Transport sealed container with pure culture on agar slant.

Storage/Transport Temperature: Room temperature. Submit specimen according to Biological Substance, Category B, shipping

guidelines.

Remarks: Isolate identification and specimen source required.

Unacceptable Conditions: Mixed cultures or non-viable organisms.

Stability: Ambient: 48 hours; Refrigerated: Unacceptable; Frozen: Unacceptable

CPT Code(s): 87186

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**0060222 Antimicrobial Susceptibility - Viridans *Streptococcus* MA VIRS**

**Methodology:** Broth Microdilution

**Specimen Required:** Collect: Actively growing isolate in pure culture.

Specimen Preparation: Transport sealed container with pure culture on agar slant.

Storage/Transport Temperature: Room temperature. Submit specimen according to Biological Substance, Category B, shipping guidelines.

Remarks: Isolate identification and specimen source required.

Unacceptable Conditions: Mixed cultures or non-viable organisms.

Stability: Ambient: 1 week; Refrigerated: Unacceptable; Frozen: Unacceptable

CPT Code(s): 87186

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**0060235 Antimicrobial Susceptibility - Yeast Susceptibility MA YST**

**Methodology:** Broth Microdilution

**Specimen Required:** Collect: Actively growing isolate in pure culture.

Specimen Preparation: Transport sealed container with pure culture on agar slant.

Storage/Transport Temperature: Room temperature. Submit specimen according to Biological Substance, Category B, shipping guidelines.

Remarks: Isolate identification and specimen source required.

*Candida* species, *Cryptococcus*, *Geotrichum*, and *Trichosporon* species are tested at ARUP.

Unacceptable Conditions: Mixed cultures or non-viable organisms.

Stability: Ambient: 1 week; Refrigerated: 2 weeks; Frozen: Unacceptable

CPT Code(s): 87186

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**0060200 Antimicrobial Susceptibility - Not Otherwise Specified MA SENS**

**Methodology:** Broth Microdilution/Disk Diffusion/Gradient Diffusion

**Specimen Required:** Collect: Actively growing isolate in pure culture.

Specimen Preparation: Transport sealed container with isolate in pure culture on agar slant.

Storage/Transport Temperature: Room temperature. Submit specimen according to Biological Substance, Category B, shipping guidelines.

Remarks: Isolate identification and specimen source required.

Unacceptable Conditions: Mixed cultures or non-viable organisms.

Stability: Ambient: 1 week; Refrigerated: 1 week; Frozen: Unacceptable

CPT Code(s): CPT codes may vary based on method.

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**0099007 Antimony, Blood ANT B**

**Methodology:** Quantitative Inductively Coupled Plasma-Mass Spectrometry

**Specimen Required:** Patient Preparation: Diet, medication, and nutritional supplements may introduce interfering substances. Patient should be encouraged to discontinue nutritional supplements, vitamins, minerals, and non-essential over-the-counter medications (upon the advice of their physician).

Collect: Royal blue (K<sub>2</sub>EDTA or Na<sub>2</sub>EDTA).

Specimen Preparation: Transport 7 mL whole blood in the original collection tube. (Min: 0.5 mL)

Storage/Transport Temperature: Room temperature.

Unacceptable Conditions: Heparin anticoagulant.

Stability: If the specimen is drawn and stored in the appropriate container, the trace element values do not change with time.

CPT Code(s): 83018

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**0099409 Antimony, Urine ANT U**

**Methodology:** Quantitative Inductively Coupled Plasma-Mass Spectrometry

**Specimen Required:** Patient Preparation: Diet, medication, and nutritional supplements may introduce interfering substances. Patients should be encouraged to discontinue nutritional supplements, vitamins, minerals, and non-essential over-the-counter medications (upon the advice of their physician). High concentrations of iodine may interfere with elemental testing. Abstinence from iodine-containing medications or contrast agents for at least 1 month prior to collecting specimens for elemental testing is recommended.

Collect: 24-hour or random urine collection. Specimen must be collected in a plastic container. **ARUP studies indicate that refrigeration of urine alone, during and after collection, preserves specimens adequately, if tested within 14 days of collection.**

Specimen Preparation: Transfer an 8 mL aliquot from a well-mixed collection to ARUP Trace Element-Free Transport Tubes (ARUP supply #43116). Available online through eSupply using ARUP Connect™ or contact ARUP Client Services at (800) 522-2787. (Min: 1 mL) Record total volume and collection time interval on transport tube and on test request form.

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Urine collected within 48 hours after administration of a gadolinium (Gd) containing contrast media (may occur with MRI studies). Acid preserved urine.

Stability: Ambient: 1 week; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 83018

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**2005457 Antiphospholipid Antibodies, IgG & IgM HS APL**

**Methodology:** Semi-Quantitative Enzyme-Linked Immunosorbent Assay

**Specimen Required:** Collect: Serum separator tube.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.15 mL)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Urine, plasma, contaminated, heat-inactivated, or severely hemolyzed, icteric, or lipemic specimens.

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen 1 year (avoid repeated freeze/thaw cycles)

CPT Code(s): 83516 x 2

<b>2003222</b>	<b>Antiphospholipid Syndrome Reflexive Panel</b>	<b>PHOS SYN</b>
<b>Methodology:</b>	Clotting/Semi-Quantitative Enzyme-Linked Immunosorbent Assay	
<b>Specimen Required:</b>	<u>Collect:</u> Lt. blue (sodium citrate) for Lupus Anticoagulant Reflexive Panel (refer to the Specimen Handling at aruplab.com for hemostasis/thrombosis specimens handling guidelines) <b>AND</b> serum separator tube for cardiolipin and beta-2 glycoprotein antibodies. <u>Specimen Preparation:</u> Separate platelet-poor plasma and serum from cells within 10 minutes of draw. Transport 2 mL plasma (Min: 1 mL) <b>AND</b> 1 mL serum (Min: 0.6 mL). <u>Storage/Transport Temperature:</u> Plasma: <b>CRITICAL FROZEN. Separate specimens must be submitted when multiple tests are ordered.</b> Serum: Refrigerated. <u>Unacceptable Conditions:</u> For Lupus Anticoagulant Reflexive Panel (Plasma): Serum and non-sodium citrate plasma. For cardiolipin and beta-2 glycoprotein antibodies (Serum): Plasma and other body fluids, heat-inactivated, hemolyzed, lipemic, or contaminated specimens. <u>Stability:</u> For Lupus Anticoagulant Reflexive Panel (Plasma): Ambient: 4 hours; Refrigerated: 24 hours; Frozen: 1 week; For cardiolipin and beta-2 glycoprotein antibodies (Serum): Ambient: 48 hours; Refrigerated: 2 weeks; Frozen 1 year (avoid repeated freeze/thaw cycles).	
<b>CPT Code(s):</b>	Anti-Cardiolipin Antibody G/M: 86147 x2; Beta-2 Glycoprotein I, G/M: 86146 x2; 85610 Prothrombin time (PT); 85730 Partial Thromboplastin Time (PTT); 85613 dRVVT. If PTT is abnormal, add 85670 Thrombin Time. If Thrombin time is abnormal, add 85635 Reptilase Time. If Reptilase Time is normal, add PTT Heparin Neutralization 85730 and 85525. If PTT Heparin Neutralization is abnormal, add 85732 PTT 1:1 mix. If PTT 1:1 mix is abnormal, add 85597 Platelet neutralization procedure (PNP). If dRVVT is abnormal, add 85613 dRVVT 1:1 mix. If dRVVT 1:1 mix is abnormal, perform 85613 dRVVT confirmation. If PNP and dRVVT conf are normal, add 85598 Hexagonal Phospholipid Neutralization.	
<b>0030015</b>	<b>Antithrombin, Antigen</b>	<b>AT3AG</b>
<b>Methodology:</b>	Microlatex Particle-Mediated Immunoassay	
<b>Specimen Required:</b>	<u>Collect:</u> Lt. blue (sodium citrate). Refer to Specimen Handling at aruplab.com for hemostasis/thrombosis specimen handling guidelines. <u>Specimen Preparation:</u> Transfer 1 mL platelet-poor plasma to an ARUP Standard Transport Tube. (Min: 0.5 mL) <u>Storage/Transport Temperature:</u> <b>CRITICAL FROZEN. Separate specimens must be submitted when multiple tests are ordered.</b> <u>Remarks:</u> <u>Unacceptable Conditions:</u> Serum. Hemolyzed specimens. <u>Stability:</u> Ambient: 8 hours; Refrigerated: 8 hours; Frozen: 1 month	
<b>CPT Code(s):</b>	85301	
<b>0030010</b>	<b>Antithrombin, Enzymatic (Activity)</b>	<b>AT3</b>
<b>Methodology:</b>	Chromogenic Assay	
<b>Specimen Required:</b>	<u>Collect:</u> Lt. blue (sodium citrate). Refer to Specimen Handling at aruplab.com for hemostasis/thrombosis specimen handling guidelines. <u>Specimen Preparation:</u> Transfer 1.5 mL platelet-poor plasma to an ARUP Standard Transport Tube. (Min: 1 mL) <u>Storage/Transport Temperature:</u> <b>CRITICAL FROZEN. Separate specimens must be submitted when multiple tests are ordered.</b> <u>Remarks:</u> <u>Unacceptable Conditions:</u> Serum. Non-frozen or hemolyzed specimens. <u>Stability:</u> Ambient: 4 hours; Refrigerated: 8 hours; Frozen: 1 month	
<b>CPT Code(s):</b>	85300	
<b>0030370</b>	<b>Antithrombin Panel</b>	<b>AT3 PAN</b>
<b>Methodology:</b>	Chromogenic Assay/Microlatex Particle-Mediated Immunoassay	
<b>Specimen Required:</b>	<u>Collect:</u> Lt. blue (sodium citrate). Refer to Specimen Handling at aruplab.com for hemostasis/thrombosis specimen handling guidelines. <u>Specimen Preparation:</u> Transfer 2 mL platelet-poor plasma to an ARUP Standard Transport Tube. (Min: 1 mL) <u>Storage/Transport Temperature:</u> <b>CRITICAL FROZEN. Separate specimens must be submitted when multiple tests are ordered</b> <u>Unacceptable Conditions:</u> Serum. Non-frozen or hemolyzed specimens. <u>Stability:</u> Ambient: 4 hours; Refrigerated: 8 hours; Frozen: 1 month	
<b>CPT Code(s):</b>	85300 AT III; 85301 AT III Ag	
<b>0030127</b>	<b>APC Resistance Profile</b>	<b>APC RST</b>
<b>Methodology:</b>	Clotting	
<b>Specimen Required:</b>	<u>Collect:</u> Lt. blue (sodium citrate). Refer to Specimen Handling at aruplab.com for hemostasis/thrombosis specimen handling guidelines. <u>Specimen Preparation:</u> Transfer 1.5 mL platelet-poor plasma to an ARUP Standard Transport Tube. (Min: 1 mL) <u>Storage/Transport Temperature:</u> Frozen. <u>Unacceptable Conditions:</u> Serum. Non-frozen or hemolyzed specimens. <u>Stability:</u> Ambient: 4 hours; Refrigerated: 4 hours; Frozen: 2 weeks	
<b>CPT Code(s):</b>	85307	
<b>0030192</b>	<b>APC Resistance Profile with Reflex to Factor V Leiden</b>	<b>APC R</b>
<b>Methodology:</b>	Clotting/Polymerase Chain Reaction/Fluorescence Monitoring	
<b>Specimen Required:</b>	<u>Collect:</u> Lt. blue (sodium citrate) <b>AND</b> lavender (EDTA), pink (K <sub>2</sub> EDTA), or yellow (ACD Solution A or B). Refer to Specimen Handling at aruplab.com for hemostasis/thrombosis specimen handling guidelines. <u>Specimen Preparation:</u> Transport 1.5 mL platelet-poor plasma <b>AND</b> 3 mL whole blood. (Min: 1 mL/each) <u>Storage/Transport Temperature:</u> Plasma: Frozen. Whole Blood: Refrigerated. <u>Unacceptable Conditions:</u> Plasma: Non-frozen specimens. <u>Stability:</u> Plasma: Ambient: 2 hours; Refrigerated: 4 hours; Frozen: 2 weeks Whole Blood: Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable	
<b>CPT Code(s):</b>	85307 APC; if reflexed, add 83891 Isolation; 83896 Nucleic acid probes; 83898 Amplification; 83912 Interpretation and report; - Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.	
<b>0050030</b>	<b>Apolipoprotein A-1</b>	<b>APO A-1</b>
<b>Methodology:</b>	Quantitative Nephelometry	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Freshly drawn fasting specimen. <u>Collect:</u> Serum separator tube. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard	

Transport Tube. (Min: 0.5 mL)  
Storage/Transport Temperature: Refrigerated.  
Remarks: Separate serum from cells ASAP.  
Unacceptable Conditions: Hemolyzed specimens.  
Stability: After separation from cells: Ambient: 8 hours; Refrigerated: 8 days; Frozen: 3 months

CPT Code(s):

82172

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**0050029 Apolipoprotein B** **APO B-100**  
**Methodology:** Quantitative Nephelometry  
**Specimen Required:** Patient Preparation: Fasting specimen.  
Collect: Serum separator tube.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed specimens.  
Stability: After separation from cells: Ambient: 8 hours; Refrigerated: 8 days; Frozen: 3 months

CPT Code(s):

82172

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**0050028 Apolipoprotein B/A Ratio** **APO B/A**  
**Methodology:** Quantitative Nephelometry/Calculation  
**Specimen Required:** Patient Preparation: Fasting specimen recommended.  
Collect: Serum separator tube.  
Specimen Preparation: Allow specimen to clot completely at room temperature. Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed specimens.  
Stability: After separation from cells: Ambient: 8 hours; Refrigerated: 8 days; Frozen: 3 months

CPT Code(s):

82172 Apolipoprotein, B; 82172 Apolipoprotein, A-1

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**0055654 Apolipoprotein B (APOB) Mutation Detection** **APO B**  
**Methodology:** 3Polymerase Chain Reaction/Fluorescence Monitoring  
**Specimen Required:** Collect: Lavender (EDTA), pink (K<sub>2</sub>EDTA), or yellow (ACD Solution A or B).  
Specimen Preparation: Transport 3 mL whole blood. (Min: 1 mL)  
Storage/Transport Temperature: Refrigerated.  
Stability: Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable

CPT Code(s):

83891 Isolation; 83898 Amplification; 83896 x2 Nucleic acid probes; 83912 Interpretation and report - Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.

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**0055566 Apolipoprotein E (APOE) 2 Mutations, Cardiovascular Risk** **APO E**  
**Methodology:** Polymerase Chain Reaction/Fluorescence Monitoring  
**Specimen Required:** Collect: Lavender (EDTA), pink (K<sub>2</sub>EDTA), or yellow (ACD Solution A or B).  
Specimen Preparation: Transport 3 mL whole blood. (Min: 1 mL)  
Storage/Transport Temperature: Refrigerated.  
Stability: Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable

CPT Code(s):

83891 Isolation; 83898 Amplification; 83896 x2 Nucleic acid probes; 83912 Interpretation and report - Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.

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**0091000 Aprobarbital, Serum or Plasma** **APROBAR SP**  
**Methodology:** Gas Chromatography  
**Specimen Required:** Collect: One 7 mL plain red or (EDTA) lavender.  
Storage/Transport Temperature: 2 mL serum or plasma at 2-8°C. (Min: 1 mL) Submit specimen in an ARUP Standard Transport Tube.  
Unacceptable Conditions: Separator tubes.  
Stability: Ambient: 2 weeks; Refrigerated: 2 weeks; Frozen: 6 months

CPT Code(s):

82205

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**0091176 Aprobarbital, Urine** **APROBAR U**  
**Methodology:** Gas Chromatography  
**Specimen Required:** Collect: Random urine.  
Storage/Transport Temperature: 2 mL urine at 20-25°C. (Min: 0.5 mL) Submit specimen in an ARUP Standard Transport Tube.  
Stability: Ambient: 2 weeks; Refrigerated: 2 weeks; Frozen: 6 months

CPT Code(s):

82205

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**2003036 Aquaporin-4 Receptor Antibody** **AQP4**  
**Methodology:** Semi-Quantitative Enzyme-Linked Immunosorbent Assay  
**Specimen Required:** Collect: Serum separator tube.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.3 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: CSF, amniotic fluid, ocular fluid peritoneal fluid, synovial fluid, or plasma. Contaminated, hemolyzed, icteric, or lipemic specimens.  
Stability: After separation from cells: Ambient: 72 hours; Refrigerated: 2 weeks; Frozen: 1 month (avoid repeated freeze/thaw cycles)

CPT Code(s):

83516

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**2001597 Arbovirus Antibodies, IgG & IgM, CSF** **ARBOCSF GM**  
**Methodology:** Semi-Quantitative Indirect Fluorescent Antibody/Semi-Quantitative Enzyme-Linked Immunosorbent Assay  
**Specimen Required:** Collect: CSF.

	<u>Specimen Preparation:</u> Transfer 4 mL CSF to an ARUP Standard Transport Tube. (Min: 2.5 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Contaminated, heat-inactivated, or hemolyzed specimens. <u>Stability:</u> Ambient: 8 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)	
<b>CPT Code(s):</b>	86651 x2 Encephalitis, California (La Crosse); 86652 x2 Encephalitis, Eastern Equine; 86653 x2 Encephalitis, St. Louis; 86654 x2 Encephalitis, Western Equine; 86789 West Nile Virus IgG; 86788 West Nile Virus IgM	
<b>2001594</b>	<b>Arbovirus Antibodies, IgG and IgM, Serum</b>	<b>ARBOSER GM</b>
<b>Methodology:</b>	Semi-Quantitative Indirect Fluorescent Antibody/Semi-Quantitative Enzyme-Linked Immunosorbent Assay	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube. Also acceptable: Plain red. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.2 mL) Parallel testing is preferred and convalescent specimens <b>must</b> be received within 30 days from receipt of acute specimens. <b>Mark specimens plainly as "acute" or "convalescent."</b> <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Contaminated, hemolyzed, or severely lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)	
<b>CPT Code(s):</b>	86651 x2 Encephalitis, California (La Crosse); 86652 x2 Encephalitis, Eastern Equine; 86653 x2 Encephalitis, St. Louis; 86654 x2 Encephalitis, Western Equine; 86789 West Nile Virus IgG; 86788 West Nile Virus IgM	
<b>2001596</b>	<b>Arbovirus Antibodies, IgG, CSF</b>	<b>ARBO CSF G</b>
<b>Methodology:</b>	Semi-Quantitative Indirect Fluorescent Antibody/Semi-Quantitative Enzyme-Linked Immunosorbent Assay	
<b>Specimen Required:</b>	<u>Collect:</u> CSF. <u>Specimen Preparation:</u> Transfer 4 mL CSF to an ARUP Standard Transport Tube. (Min: 1.5 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Plasma. Contaminated, heat-inactivated, hemolyzed, or severely lipemic specimens. <u>Stability:</u> Ambient: 8 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)	
<b>CPT Code(s):</b>	86651 Encephalitis, California (La Crosse); 86652 Encephalitis, Eastern Equine; 86653 Encephalitis, St. Louis; 86654 Encephalitis, Western Equine; 86789 West Nile Virus	
<b>2001593</b>	<b>Arbovirus Antibodies, IgG, Serum</b>	<b>ARBO SER G</b>
<b>Methodology:</b>	Semi-Quantitative Indirect Fluorescent Antibody/Semi-Quantitative Enzyme-Linked Immunosorbent Assay	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube. Also acceptable: Plain red. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.15 mL) Parallel testing is preferred and convalescent specimens <b>must</b> be received within 30 days from receipt of acute specimens. <b>Mark specimens plainly as "acute" or "convalescent."</b> <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Contaminated, hemolyzed, or severely lipemic, specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)	
<b>CPT Code(s):</b>	86651 Encephalitis, California (La Crosse); 86652 Encephalitis, Eastern Equine; 86653 Encephalitis, St. Louis; 86654 Encephalitis, Western Equine; 86789 West Nile Virus IgG	
<b>2001595</b>	<b>Arbovirus Antibodies, IgM, CSF</b>	<b>ARBO CSF M</b>
<b>Methodology:</b>	Semi-Quantitative Indirect Fluorescent Antibody/Semi-Quantitative Enzyme-Linked Immunosorbent Assay	
<b>Specimen Required:</b>	<u>Collect:</u> CSF. <u>Specimen Preparation:</u> Transfer 4 mL CSF to an ARUP Standard Transport Tube. (Min: 1.5 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Contaminated, heat-inactivated, or hemolyzed specimens. <u>Stability:</u> Ambient: 8 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)	
<b>CPT Code(s):</b>	86651 Encephalitis, California (La Crosse); 86652 Encephalitis, Eastern equine; 86653 Encephalitis, Saint Louis; 86654 Encephalitis, Western equine; 86788 West Nile Virus	
<b>2001592</b>	<b>Arbovirus Antibodies, IgM, Serum</b>	<b>ARBO SER M</b>
<b>Methodology:</b>	Semi-Quantitative Indirect Fluorescent Antibody/Semi-Quantitative Enzyme-Linked Immunosorbent Assay	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube. Also acceptable: Plain red. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.15 mL) Parallel testing is preferred and convalescent specimens <b>must</b> be received within 30 days from receipt of acute specimens. <b>Mark specimens plainly as "acute" or "convalescent."</b> <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Plasma. Contaminated, heat-inactivated, hemolyzed, or severely lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)	
<b>CPT Code(s):</b>	86651 Encephalitis, California (La Crosse); 86652 Encephalitis, Eastern Equine; 86653 Encephalitis, St. Louis; 86654 Encephalitis, Western Equine; 86788 West Nile Virus	
<b>0070027</b>	<b>Arginine Vasopressin Hormone</b>	<b>AVH PLASMA</b>
<b>Methodology:</b>	Quantitative Radioimmunoassay	
<b>Specimen Required:</b>	<u>Collect:</u> Lavender (EDTA) or pink (K <sub>2</sub> EDTA). <u>Specimen Preparation:</u> Separate plasma from cells ASAP or within 2 hours of collection. Transfer 6 mL plasma to ARUP Standard Transport Tubes and freeze immediately. (Min: 1.1 mL) <u>Storage/Transport Temperature:</u> <b>CRITICAL FROZEN. Separate specimens must be submitted when multiple tests are ordered.</b> <u>Unacceptable Conditions:</u> Non-frozen specimens. <u>Stability:</u> After separation from cells: Ambient: 2 hours; Refrigerated: Unacceptable; Frozen: 2 months	
<b>CPT Code(s):</b>	84588	
<b>2003178</b>	<b>Aripiprazole, Serum or Plasma</b>	<b>ARIPIPAZ</b>
<b>Methodology:</b>	High Performance Liquid Chromatography/Tandem Mass Spectrometry	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red, lavender (EDTA), or pink (K <sub>2</sub> EDTA). <u>Specimen Preparation:</u> Separate from cells within 2 hours of draw and transfer 1 mL serum or plasma (Min: 0.5 mL) into an ARUP Standard Transport Tube.	

Storage/Transport Temperature: Refrigerated preferred; ambient and frozen also acceptable.

Unacceptable Conditions: Separator tubes.

Stability: Ambient: 2 weeks; Refrigerated: 2 weeks; Frozen: 2 weeks

CPT Code(s): 83789

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**0091580**      **Aromatic Primary Amines, Urine**      **AROMAT AMI**

**Methodology:** Spectrophotometry

**Specimen Required:** Collect: Urine.

Storage/Transport Temperature: 2 mL end of shift urine at 20-25°C. (Min: 1 mL) Submit specimen in an ARUP Standard Transport Tube.

Stability: Ambient: 1 week; Refrigerated: 2 weeks; Frozen: 1 month

CPT Code(s): 84311

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**0091435**      **Aromatic Solvents Panel, Whole Blood**      **AROMATIC B**

**Methodology:** Quantitative Gas Chromatography

**Specimen Required:** Collect: Lavender (EDTA) or gray (potassium oxalate or sodium fluoride).

Specimen Preparation: Transfer 2 mL whole blood to an ARUP Standard Transport Tube. (Min: 0.7 mL)

Storage/Transport Temperature: Refrigerated.

Stability: Ambient: Unacceptable; Refrigerated: 5 days; Frozen: 5 days

CPT Code(s): 84600

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**0099045**      **Arsenic, Blood**      **ARS B**

**Methodology:** Quantitative Inductively Coupled Plasma-Mass Spectrometry

**Specimen Required:** Patient Preparation: Diet, medication, and nutritional supplements may introduce interfering substances. Patient should be encouraged to discontinue nutritional supplements, vitamins, minerals, and non-essential over-the-counter medications (upon the advice of their physician) and avoid shellfish and seafood for 48 to 72 hours.

Collect: Royal blue (K<sub>2</sub>EDTA or Na<sub>2</sub>EDTA).

Specimen Preparation: Transport 7 mL whole blood in the original collection tube. (Min: 0.5 mL)

Storage/Transport Temperature: Room temperature.

Unacceptable Conditions: Heparin anticoagulant.

Stability: If the specimen is drawn and stored in the appropriate container, the trace element values do not change with time.

CPT Code(s): 82175

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**0090664**      **Arsenic, Fluid**      **ARSENIC FL**

**Methodology:** Inductively Coupled Plasma/Mass Spectrometry

**Specimen Required:** Collect: Fluid

Storage/Transport Temperature: 3.0 mL fluid at 2-8°C. (Min: 2 mL) Submit specimen in an ARUP Trace Element-Free Transport Tube (ARUP supply #43116).

Remarks: This test can be used for arsenic in water (no drinking water). Avoid seafood consumption for 48 hours prior to specimen collection.

Stability: There are no stabilities available at this time.

CPT Code(s): 82175

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**0020734**      **Arsenic, Fractionated, Urine**      **AS UF**

**Methodology:** Quantitative High Pressure Liquid Chromatography/Quantitative Inductively Coupled Plasma-Mass Spectrometry

**Specimen Required:** Collect: 24-hour or random urine collection. Specimen must be collected in a plastic container and should be refrigerated during collection. **ARUP studies indicate that refrigeration of urine alone, during and after collection, preserves specimens adequately if tested within 14 days of collection.**

Specimen Preparation: Transfer a 10 mL aliquot of urine from a well-mixed collection to ARUP Trace Element-Free Transport Tubes (ARUP supply #43116). Available online through eSupply using ARUP Connect™ or contact ARUP Client Services at (800) 522-2787. (Min: 5 mL) Record total volume and collection time interval on transport tube and on test request form.

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Urine collected within 48 hours after administration of a gadolinium (Gd) containing contrast media (may occur with MRI studies). Acid preserved urine.

Stability: Ambient: 1 week; Refrigerated: 2 weeks; Frozen: 1 year

CPT Code(s): 82175

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**0090243**      **Arsenic, Hair**      **ARSENIC H**

**Methodology:** Inductively Coupled Plasma/Mass Spectrometry

**Specimen Required:** Collect: From the back of the head gather a lock of hair the width of a pencil. Cut hair near scalp, cutting at least 3 inches. Do not apply tape to hair. Also acceptable: Underarm, pubic, chest, beard, or mustache hair.

Specimen Preparation: Transfer 0.5 g hair (typically this is the length of an index finger (3 inches) and the width of a pencil) to a plastic, metal-free container. (Min: 0.1 g) Indicate source of hair on outside of container.

Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.

Unacceptable Conditions: Beard trimmings or razor clippings.

Stability: If the specimen is collected and stored in the appropriate container, the trace element values do not change with time.

CPT Code(s): 82175

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**0090228**      **Arsenic, Nails**      **ARSENIC N**

**Methodology:** Inductively Coupled Plasma/Mass Spectrometry

**Specimen Required:** Collect: Clippings from all 10 fingernails or toenails.

Specimen Preparation: Transfer 0.5 g nails to a plastic metal-free container. (Min: 0.1 g) Indicate source of nails on outside of container.

Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated or frozen.

Stability: If the specimen is collected and stored in the appropriate container, the trace element values do not change with time.

CPT Code(s): 82175

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**0025000**      **Arsenic, Urine with Reflex to Fractionated**      **ARS U**

**Methodology:** Quantitative High Pressure Liquid Chromatography/Quantitative Inductively Coupled Plasma-Mass Spectrometry

**Specimen Required:** Patient Preparation: Diet, medication, and nutritional supplements may introduce interfering substances. Patients should be encouraged to discontinue nutritional supplements, vitamins, minerals, nonessential over-the-counter medications (upon the advice of their physician), and avoid shellfish and seafood for 48 to 72 hours. High concentrations of iodine may interfere with elemental testing. Abstinence from iodine-containing medications or contrast agents for at least 1 month prior to collecting specimens for elemental testing is recommended.  
Collect: 24-hour or random urine collection. Specimen must be collected in a plastic container and refrigerated during collection. **ARUP studies indicate that refrigeration of urine alone, during and after collection, preserves specimens adequately if tested within 14 days of collection.**  
Specimen Preparation: Transfer an 8 mL aliquot from a well-mixed collection to ARUP Trace Element-Free Transport Tubes (ARUP supply #43116). Available online through eSupply using ARUP Connect™ or contact ARUP Client Services at (800) 522-2787. (Min: 2 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Urine collected within 48 hours after administration of a gadolinium (Gd) containing contrast media (may occur with MRI studies). Acid preserved urine.  
Stability: Ambient: 1 week; Refrigerated: 2 weeks; Frozen: 1 year  
**CPT Code(s):** 82175; if reflexed, add 82175

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**0095227 Arylsulfatase A, Urine ARYLSULF A**  
**Methodology:** Colorimetric, Kinetic  
**Specimen Required:** Collect: 24-hour urine. Do not use preservatives.  
Specimen Preparation: Transfer 10 mL urine to ARUP Standard Transport Tubes.  
Storage/Transport Temperature: Refrigerated.  
Remarks: Indicate total volume.  
Unacceptable Conditions:  
Stability: Ambient: Unacceptable; Refrigerated: 1 week; Frozen: Unacceptable  
**CPT Code(s):** 84311

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**0051415 Ashkenazi Jewish Diseases (BLM, ASPA, IKBKAP, FANCC, GBA, MCOLNI, SMPD1, HEXA) AJP**  
**Methodology:** Polymerase Chain Reaction/ASPE Bead Array  
**Specimen Required:** Collect: Lavender (EDTA), pink (K<sub>2</sub>EDTA), or yellow (ACD Solution A or B).  
Specimen Preparation: Transport 3 mL whole blood. (Min: 1 mL)  
Storage/Transport Temperature: Refrigerated.  
Stability: Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable  
**CPT Code(s):** 83891 Isolation; 83892 x2 Enzymatic digestion; 83900 Amplification multiplex (first two amplifications); 83901 x16 Amplification multiplex (each additional amplification); 83914 x31 Mutation identification; 83909 Separation and identification; 83912 Interpretation and report - Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.

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**0020007 Aspartate Aminotransferase, Serum or Plasma AST**  
**Methodology:** Quantitative Enzymatic  
**Specimen Required:** Collect: Plasma separator tube or serum separator tube. Also acceptable: Green (sodium or lithium heparin), lavender (EDTA), or pink (K<sub>2</sub>EDTA).  
Specimen Preparation: Allow serum tube to clot completely at room temperature. Separate serum or plasma from cells within 2 hours of collection. Transfer 1 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.2 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Specimens containing sodium fluoride/potassium oxalate, EDTA, or citrate. Hemolyzed specimens. Specimens containing cellular material.  
Stability: After separation from cells: Ambient: 24 hours; Refrigerated: 1 week; Frozen: 1 month  
**CPT Code(s):** 84450

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**0050101 Aspergillus Antibodies by CF & ID ASPER PRO**  
**Methodology:** Semi-Quantitative Complement Fixation/Qualitative Immunodiffusion  
**Specimen Required:** Collect: Serum separator tube.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.2 mL) Parallel testing is preferred and convalescent specimens **must** be received within 30 days from receipt of the acute specimens. **Mark specimens plainly as acute or convalescent.**  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Contaminated or severely lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)  
**CPT Code(s):** 86606 *Aspergillus* Ab (CF); 86606 *Aspergillus* Ab (ID)

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**0050100 Aspergillus Antibody by CF ASPER**  
**Methodology:** Semi-Quantitative Complement Fixation  
**Specimen Required:** Collect: Serum separator tube.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.15 mL) Parallel testing is preferred and convalescent specimens **must** be received within 30 days from receipt of the acute specimens. **Mark specimens plainly as acute or convalescent.**  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Contaminated or severely lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)  
**CPT Code(s):** 86606

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**0050171 Aspergillus Antibody by ID ASPER PPT**  
**Methodology:** Qualitative Immunodiffusion  
**Specimen Required:** Collect: Serum separator tube.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum an ARUP Standard Transport Tube. (Min: 0.15 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Body fluid.

CPT Code(s): Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)  
86606

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**0097771** *Aspergillus fumigatus* Antibody, IgG by ELISA **ASPFUM IGG**  
**Methodology:** Semi-Quantitative Enzyme-Linked Immunosorbent Assay  
**Specimen Required:** Collect: Serum separator tube or plain red.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.05 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Contaminated, lipemic, or turbid specimens.  
Stability: After separation form cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)  
CPT Code(s): 86606

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**2003150** *Aspergillus Galactomannan Antigen* by EIA, Bronchoscopy **ASPERAGB**  
**Methodology:** Semi-quantitative Enzyme Immunoassay  
**Specimen Required:** Collect: Lower respiratory material by bronchoscopy (BAL ,brushings, and washings).  
Specimen Preparation: Transfer 2 mL bronchoscopy specimen to a sterile ARUP Standard Transport Tube (ARUP Supply #43115). Available online through eSupply using ARUP Connect™ or contact Client Services at (800) 522-2787. (Min: 0.6 mL)  
Storage/Transport Temperature: Frozen. Submit specimen according to Biological Substance, Category B, shipping guidelines.  
Unacceptable Conditions: Sputum. Specimens in media or preservatives. Grossly bloody specimens.  
Stability: Ambient: Unacceptable; Refrigerated: 1 week; Frozen: 1 week  
CPT Code(s): 87305

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**0060068** *Aspergillus Galactomannan Antigen* by EIA, Serum **ASPERAG**  
**Methodology:** Semi-quantitative Enzyme Immunoassay  
**Specimen Required:** Collect: Plain red.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 2 mL serum to a sterile ARUP Standard Transport Tube (ARUP Supply #43115). Available online through eSupply using ARUP Connect™ or contact Client Services at (800) 522-2787. (Min: 0.6 mL)  
Storage/Transport Temperature: Frozen. Submit specimen according to Biological Substance, Category B, shipping guidelines.  
Unacceptable Conditions: Plasma. Serum separator tube.  
Stability: After separation from cells: Ambient: Unacceptable; Refrigerated: 1 week; Frozen: 1 week  
CPT Code(s): 87305

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**0091570** *Aspirin and Oxycodone Quantitation, Serum or Plasma* **PERCODAN S**  
**Methodology:** Gas Chromatography-Mass Spectrometry/Spectrometry  
**Specimen Required:** Collect: Plain red or lavender (EDTA).  
Specimen Preparation: Transfer 5 mL serum or plasma to ARUP Standard Transport Tubes. (Min: 2.4 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Separator tubes.  
Stability: Ambient: 1 week; Refrigerated: 2 weeks; Frozen: 8 months  
CPT Code(s): 83925 Opiates; 80196 Salicylate

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**0091317** *Atenolol, Serum or Plasma* **ATENOLO**  
**Methodology:** High Performance Liquid Chromatography/Mass Spectrometry  
**Specimen Required:** Collect: One 7 mL plain red, gray (sodium fluoride/potassium oxalate), green (sodium heparin), lavender (EDTA), or pink (K<sub>2</sub>EDTA).  
Storage/Transport Temperature: 2 mL serum or plasma at 2-8°C. (Min: 0.5 mL) Submit specimen in an ARUP Standard Transport Tube.  
Unacceptable Conditions: Separator tubes.  
Stability: Ambient: 3 days; Refrigerated: 2 weeks; Frozen: 2 weeks  
CPT Code(s): 80299

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**0096047** *Atenolol, Urine* **ATENOLO U**  
**Methodology:** Liquid Chromatography/Mass Spectrometry  
**Specimen Required:** Collect: Random urine.  
Storage/Transport Temperature: 2 mL urine at 2-8°C. (Min: 0.5 mL) Submit specimen in an ARUP Standard Transport Tube.  
Stability: Ambient: 3 days; Refrigerated: 2 weeks; Frozen: 2 weeks  
CPT Code(s): 80299

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**0091333** *Atropine, Serum or Plasma* **ATROPIN SP**  
**Methodology:** High Performance Liquid Chromatography/Tandem Mass Spectrometry  
**Specimen Required:** Collect: Plain red, lavender (EDTA), or pink (K<sub>2</sub>EDTA).  
Specimen Preparation: Separate serum or plasma from cells within 2 hours. Transfer 3 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 1.2)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Separator tubes.  
Stability: Ambient: 1 week; Refrigerated: 2 weeks; Frozen: 1 month  
CPT Code(s): 82542

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**0091171** *Atropine, Urine* **ATROPIN U**  
**Methodology:** High Performance Liquid Chromatography/Tandem Mass Spectrometry  
**Specimen Required:** Collect: Random urine.  
Specimen Preparation: Transfer 2 mL urine to an ARUP Standard Transport Tube. (Min: 0.7 mL)  
Storage/Transport Temperature: Refrigerated.  
Stability: Ambient: 1 week; Refrigerated: 29 days; Frozen: 29 days  
CPT Code(s): 82542

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**0055351** *Autoimmune Hepatitis Panel Plus with Reflex to Titers* **AIH PLUS**  
**Methodology:** Semi-Quantitative Enzyme-Linked Immunosorbent Assay/Qualitative Enzyme-Linked Immunosorbent Assay/Semi-Quantitative Indirect

	Fluorescent Antibody	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 1.5 mL serum to an ARUP Standard Transport Tube. (Min: 1 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)	
<b>CPT Code(s):</b>	86038 ANA; if reflexed, add 86039 ANA titer; 83516 F-Actin IgG; 86376 LKM-1 IgG; 83516 AMA; 83516 SLA IgG; 86255 ANCA IgG; if reflexed add 86256 if ANCA IgG titer	
<b>0055356</b>	<b>Autoimmune Hepatitis Panel with Reflex to ANA IFA Titer</b>	<b>AIH</b>
<b>Methodology:</b>	Semi-Quantitative Enzyme-Linked Immunosorbent Assay/Qualitative Enzyme-Linked Immunosorbent Assay/Semi-Quantitative Indirect Fluorescent Antibody	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 1 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)	
<b>CPT Code(s):</b>	86038 ANA; if reflexed, add 86039 ANA titer if positive; 83516 F-Actin IgG; 86376 LKM-1 IgG; 83516 AMA	
<b>0095505</b>	<b>Autoimmune Lymphoproliferative Profile</b>	<b>ALPS</b>
<b>Methodology:</b>	Quantitative Flow Cytometry	
<b>Specimen Required:</b>	<u>Collect:</u> Green (sodium or lithium heparin), lavender (EDTA), or pink (K <sub>2</sub> EDTA). <u>Specimen Preparation:</u> Transport 5 mL whole blood. (Min: 0.5 mL) <u>Storage/Transport Temperature:</u> <b>CRITICAL ROOM TEMPERATURE.</b> <u>Remarks:</u> Specimens must be analyzed within 48 hours of collection. <u>Unacceptable Conditions:</u> Frozen or refrigerated specimens. Specimens older than 48 hours. Clotted or hemolyzed specimens.	
<b>CPT Code(s):</b>	<u>Stability:</u> Ambient: 48 hours; Refrigerated: Unacceptable; Frozen: Unacceptable 86356 CD3; 86356 CD4; 86356 CD5; 86356 CD8; 86356 CD20; 86356 ALPHA/BETA; 86356 HLA-DR	
<b>0055610</b>	<b>B-Cell and T-Cell Clonality Assessment by PCR, Fluid</b>	<b>BT CELLS-F</b>
<b>Methodology:</b>	Polymerase Chain Reaction	
<b>Specimen Required:</b>	<u>Collect:</u> Lavender (EDTA) or bone marrow (EDTA). <u>Specimen Preparation:</u> Transport 5 mL whole blood (Min: 1 mL) <b>OR</b> 3 mL bone marrow (Min: 1 mL). <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Specimens collected in anticoagulants other than EDTA. Frozen specimens. Clotted or grossly hemolyzed specimens.	
<b>CPT Code(s):</b>	<u>Stability:</u> Ambient: 24 hours; Refrigerated: 5 days; Frozen: Unacceptable 83891 Isolation; 83898 x9 Amplification; 83894 x3 Gel electrophoresis; 83896 x3 Nucleic Acid Probes; 83909 x4 Capillary electrophoresis; 83912 Interpretation and report - Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.	
<b>0055627</b>	<b>B-Cell and T-Cell Clonality Assessment by PCR, Paraffin</b>	<b>BTCELLS-P</b>
<b>Methodology:</b>	Polymerase Chain Reaction	
<b>Specimen Required:</b>	<u>Collect:</u> Tumor tissue. <u>Specimen Preparation:</u> Formalin fix (10% neutral buffered formalin) and paraffin embed tissue. Protect from excessive heat. Transport tissue block or four 10 micron shavings. Tissue block will be returned after testing. <u>Storage/Transport Temperature:</u> Room temperature or refrigerated. Ship in cooled container during summer months. <u>Unacceptable Conditions:</u> Specimens fixed/processed in alternative fixatives or heavy metal fixatives (B-4 or B-5) or tissue sections on slides. Frozen specimens. Decalcified specimens.	
<b>CPT Code(s):</b>	<u>Stability:</u> Ambient: Indefinitely; Refrigerated: Indefinitely; Frozen: Unacceptable 83907 Lysis; 83891 Isolation; 83898 x9 Amplification; 83894 x3 Gel electrophoresis; 83896 x3 Nucleic Acid Probes; 83909 x4 Capillary electrophoresis; 83912 Interpretation and report - Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.	
<b>0055611</b>	<b>B-Cell and T-Cell Clonality Assessment by PCR, Tissue</b>	<b>BTCELLS-T</b>
<b>Methodology:</b>	Polymerase Chain Reaction	
<b>Specimen Required:</b>	<u>Collect:</u> Fresh tissue. <u>Specimen Preparation:</u> Freeze immediately. Transport 100 mg or 0.5-2.0 cm <sup>3</sup> tissue. <u>Storage/Transport Temperature:</u> Frozen on dry ice.	
<b>CPT Code(s):</b>	<u>Stability:</u> Ambient: Unacceptable; Refrigerated: 2 hours; Frozen: 1 year 83907 Lysis; 83891 Isolation; 83898 x9 Amplification; 83894 x3 Gel electrophoresis; 83896 x3 Nucleic acid probes; 83909 x4 Capillary electrophoresis; 83912 Interpretation and report - Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.	
<b>0055612</b>	<b>B-Cell and T-Cell Comprehensive Clonality Assessment, Fluid</b>	<b>BTCOMPR-F</b>
<b>Methodology:</b>	Polymerase Chain Reaction/Restriction Fragment Southern Blot Hybridization	
<b>Specimen Required:</b>	<u>Collect:</u> Lavender (EDTA) or bone marrow (EDTA). <u>Specimen Preparation:</u> Transport 5 mL whole blood (Min: 3 mL) <b>OR</b> 3 mL bone marrow (Min: 1 mL). <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Specimens collected in anticoagulants other than EDTA. Frozen specimens. Clotted or grossly hemolyzed specimens.	
<b>CPT Code(s):</b>	<u>Stability:</u> Ambient: 24 hours; Refrigerated: 5 days; Frozen: Unacceptable 83891 Isolation; 83898 x9 Amplification; 83894 x5 Gel electrophoresis; 83896 x5 Nucleic acid probes; 83909 x4 Capillary electrophoresis; 83892 x7 Digestion; 83897 x2 Southern transfer; 83912 Interpretation and report - Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.	
<b>0055613</b>	<b>B-Cell and T-Cell Comprehensive Clonality Assessment, Tissue</b>	<b>BTCOMPR-T</b>
<b>Methodology:</b>	Polymerase Chain Reaction/Restriction Fragment Southern Blot Hybridization	

<b>Specimen Required:</b>	<u>Collect:</u> Fresh tissue. <u>Specimen Preparation:</u> Freeze immediately. Transport 100 mg or 0.5-2.0 cm <sup>3</sup> tissue. <u>Storage/Transport Temperature:</u> Frozen on dry ice. <u>Unacceptable Conditions:</u> Paraffin-embedded tissue. <u>Stability:</u> Ambient: Unacceptable; Refrigerated: 2 hours; Frozen: 1 year	
<b>CPT Code(s):</b>	83907 Lysis; 83891 Isolation; 83898 x9 Amplification; 83894 x5 Gel electrophoresis; 83896 x5 Nucleic acid probes; 83909 x4 Capillary electrophoresis; 83892 x7 Digestion; 83897 x2 Southern transfer; 83912 Interpretation and report - Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.	
<b>0092099</b>	<b>B-Cell CD20 Expression</b>	<b>CD20</b>
<b>Methodology:</b>	Flow Cytometry	
<b>Specimen Required:</b>	<u>Collect:</u> Green (sodium heparin). Also acceptable: Lavender (EDTA) or pink (K <sub>2</sub> EDTA). <u>Specimen Preparation:</u> Transport 5 mL whole blood. <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated. Specimen should be received within 48 hours of collection for <b>optimal</b> viable testing. <u>Remarks:</u> Provide CBC, Wright's stained smear, clinical history, differential diagnosis, and any relevant pathology reports. <u>Unacceptable Conditions:</u> Frozen specimens. Specimens greater than 48 hours old. Clotted or hemolyzed specimens. <u>Stability:</u> Ambient: 48 hours; Refrigerated: 48 hours; Frozen: Unacceptable	
<b>CPT Code(s):</b>	88184 First marker and 88185 Each additional marker; AND 88187 interpretation for 2-8 markers	
<b>0055592</b>	<b>B-Cell Clonality Assessment by Restriction Fragment Southern Blot Hybridization, Fluid</b>	<b>BCRFSBHF</b>
<b>Methodology:</b>	Restriction Fragment Southern Blot Hybridization	
<b>Specimen Required:</b>	<u>Collect:</u> Lavender (EDTA), pink (K <sub>2</sub> EDTA), or yellow (ACD Solution A). <b>OR</b> bone marrow (EDTA). <u>Specimen Preparation:</u> Transport 10 mL whole blood (Min: 3 mL) <b>OR</b> 3 mL bone marrow (Min: 3 mL). <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Serum. Frozen specimens. Clotted or grossly hemolyzed specimens. <u>Stability:</u> Ambient: 24 hours; Refrigerated: 5 days; Frozen: Unacceptable	
<b>CPT Code(s):</b>	83891 Isolation; 83892 x4 Enzymatic digestion; 83894 Gel separation; 83897 Southern transfer; 83896 Nucleic acid probe; 83912 Interpretation and report - Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.	
<b>0055590</b>	<b>B-Cell Clonality Assessment by Restriction Fragment-Southern Blot Hybridization, Tissue</b>	<b>BCRFSBHT</b>
<b>Methodology:</b>	Restriction Fragment Southern Blot Hybridization	
<b>Specimen Required:</b>	<u>Collect:</u> Fresh tissue. <u>Specimen Preparation:</u> Freeze immediately. Transport 100 mg or 0.5-2.0 cm <sup>3</sup> tissue. <u>Storage/Transport Temperature:</u> Frozen on dry ice. <u>Unacceptable Conditions:</u> Paraffin-embedded tissue. <u>Stability:</u> Ambient: Unacceptable; Refrigerated: 2 hours; Frozen: 1 year	
<b>CPT Code(s):</b>	83907 Lysis; 83891 Isolation; 83892 x4 Digestion; 83894 Gel Electrophoresis; 83897 Southern Transfer; 83896 Nucleic Acid Probe; 83912 Interpretation and report - Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.	
<b>0055552</b>	<b>B-Cell Clonality Screening Assay by PCR, Fluid</b>	<b>B CELL-F</b>
<b>Methodology:</b>	Polymerase Chain Reaction	
<b>Specimen Required:</b>	<u>Collect:</u> Lavender (EDTA) or bone marrow (EDTA). <u>Specimen Preparation:</u> Transport 5 mL whole blood (Min: 1 mL) <b>OR</b> 3 mL bone marrow (Min: 1 mL). <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Specimens collected in anticoagulants other than EDTA. Frozen specimens. Clotted or grossly hemolyzed specimens. <u>Stability:</u> Ambient: 24 hours; Refrigerated: 5 days; Frozen: Unacceptable	
<b>CPT Code(s):</b>	83891 Isolation; 83898 x6 Amplification; 83894 x3 Gel separation; 83912 Interpretation and report - Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.	
<b>0055626</b>	<b>B-Cell Clonality Screening Assay by PCR, Paraffin</b>	<b>B CELL-P</b>
<b>Methodology:</b>	Polymerase Chain Reaction	
<b>Specimen Required:</b>	<u>Collect:</u> Tumor tissue. <u>Specimen Preparation:</u> Formalin fix (10% neutral buffered formalin) and paraffin embed tissue. Protect from excessive heat. Transport tissue block or four 10 micron shavings. Tissue block will be returned after testing. <u>Storage/Transport Temperature:</u> Room temperature or refrigerated. Ship in cooled container during summer months. <u>Unacceptable Conditions:</u> Specimens fixed/processed in alternative fixatives or heavy metal fixatives (B-4 or B-5) or tissue sections on slides. Frozen specimens. Decalcified specimens. <u>Stability:</u> Ambient: Indefinitely; Refrigerated: Indefinitely; Frozen: Unacceptable	
<b>CPT Code(s):</b>	83907 Lysis; 83891 Isolation; 83898 x6 Amplification; 83894 x3 Gel separation; 83912 Interpretation and report - Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.	
<b>0055556</b>	<b>B-Cell Clonality Screening Assay by PCR, Tissue</b>	<b>B CELL-T</b>
<b>Methodology:</b>	Polymerase Chain Reaction	
<b>Specimen Required:</b>	<u>Collect:</u> Fresh tissue. <u>Specimen Preparation:</u> Freeze immediately. Transport 100 mg or 0.5-2.0 cm <sup>3</sup> tissue. <u>Storage/Transport Temperature:</u> Frozen on dry ice. <u>Stability:</u> Ambient: Unacceptable; Refrigerated: 2 hours; Frozen: 1 year	
<b>CPT Code(s):</b>	83907 Lysis; 83891 Isolation; 83898 x6 Amplification; 83894 x3 Gel Electrophoresis; 83912 Interpretation and report - Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.	
<b>0095940</b>	<b>B-Cell Immunodeficiency Profile</b>	<b>B-CELL</b>
<b>Methodology:</b>	Quantitative Flow Cytometry	

**Specimen Required:** Collect: Green (sodium or lithium heparin), lavender (EDTA), or pink (K<sub>2</sub>EDTA).  
Specimen Preparation: Transport 5 mL whole blood. (Min: 3 mL)  
Storage/Transport Temperature: **CRITICAL ROOM TEMPERATURE.**  
Remarks: Specimens must be analyzed within 48 hours of collection.  
New York State Clients: Specimens in heparin must be analyzed within 48 hours of collection; specimens in EDTA must be analyzed within 30 hours of collection.  
Unacceptable Conditions: Clotted, frozen, or refrigerated specimens. Specimens older than 48 hours.  
New York State Clients: Clotted, frozen, or refrigerated specimens. Specimens in heparin that are more than 48 hours old and specimens in EDTA that are more than 30 hours old.  
Stability: Ambient: 48 hours; Refrigerated: Unacceptable; Frozen: Unacceptable  
New York State Clients: Ambient: 48 hours in heparin, 30 hours in EDTA; Refrigerated: Unacceptable; Frozen: Unacceptable.

**CPT Code(s):** 86356 CD19; 86356 PSIG; 86356 IGA; 86356 IGD; 86356 IGG; 86356 IGM; 86356 HLA-DR

**2003442** **B Cell Specific Octamer Binding Protein-1 (BOB-1) by Immunohistochemistry** **BOB1 IHC**  
**Methodology:** Immunohistochemistry  
**Specimen Required:** Collect: Tissue or cells  
Specimen Preparation: Formalin fix (10% neutral buffered formalin is preferred) and paraffin embed specimen (Cells must be prepared into a cellblock). If sending precut slides, do not oven bake. Protect paraffin block and/or slides from excessive heat. Ship in cooled container during summer months.  
Storage/Transport Temperature: Room temperature or refrigerated  
Remarks: **IMMUNOHISTOCHEMISTRY ORDERING AND SUBMISSION DETAILS:** Submit electronic request. If you do not have electronic ordering capability, use an ARUP Immunohistochemistry Stain Form (#32978) with an ARUP client number. For additional technical details, please contact ARUP Client Services.  
Unacceptable Conditions: Depleted specimens. Specimens submitted with non-representative tissue type.  
Stability: Ambient: Indefinite; Refrigerated: Indefinite; Frozen: Indefinite

**CPT Code(s):** 88342

**0030191** **B-Type Natriuretic Peptide** **BNP**  
**Methodology:** Quantitative Chemiluminescent Immunoassay  
**Specimen Required:** Collect: Lavender (EDTA) or pink (K<sub>2</sub>EDTA).  
Specimen Preparation: Separate plasma from cells within 2 hours of collection. Transfer 2 mL plasma to an ARUP Standard Transport Tube and freeze within 4 hours of collection. (Min: 0.5 mL)  
Storage/Transport Temperature: Frozen.  
Unacceptable Conditions: Frozen whole blood. Specimens collected in non-EDTA tubes. Specimens frozen in separator tube. Specimen exposed to repeated freeze/thaw cycles. Refrigerated or room temperature specimens more than 4 hours old. Hemolyzed specimens.  
Stability: After separation from cells: Ambient: 4 hours; Refrigerated: 4 hours; Frozen: 4 months

**CPT Code(s):** 83880

**0093048** **Babesia microti Antibodies, IgG & IgM by IFA** **BAB MIC AB**  
**Methodology:** Semi-Quantitative Indirect Fluorescent Antibody  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Separate serum or plasma from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.1 mL) Parallel testing is preferred, and convalescent specimens must be received within 30 days from receipt of the acute specimens. **Mark specimens plainly as "acute" or "convalescent."**  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Bacterially contaminated, hemolyzed or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)

**CPT Code(s):** 86753 IgG; 86753 IgM

**0093049** **Babesia microti Antibody, IgG by IFA** **BAB IGG**  
**Methodology:** Semi-Quantitative Indirect Fluorescent Antibody  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.05 mL) Parallel testing is preferred and convalescent specimens **must** be received within 30 days from receipt of the acute specimens. **Mark specimens plainly as acute or convalescent.**  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Bacterially contaminated, hemolyzed, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)

**CPT Code(s):** 86753

**0093050** **Babesia microti Antibody, IgM by IFA** **BAB IGM**  
**Methodology:** Semi-Quantitative Indirect Fluorescent Antibody  
**Specimen Required:** Collect: Plain red or serum separator tube.  
Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.05 mL) Parallel testing is preferred and convalescent specimens **must** be received within 30 days from receipt of the acute specimens. **Mark specimens plainly as acute or convalescent.**  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Bacterially contaminated, hemolyzed, or lipemic specimens.  
Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)

**CPT Code(s):** 86753

**2005275** **Baclofen Quantitation, Fluid** **BACLO FL**  
**Methodology:** Quantitative High Performance Liquid Chromatography-Tandem Mass Spectrometry  
**Specimen Required:** Collect: Fluid.  
Specimen Preparation: Transfer 1 mL fluid to an ARUP Standard Transport Tube. (Min: 0.4 mL)  
Storage/Transport Temperature: Refrigerated. Also acceptable: Room temperature or frozen.  
Stability: Ambient: 2 weeks; Refrigerated: 2 weeks; Frozen: 2 weeks

**CPT Code(s):** 80299

<b>2005273</b>	<b>Baclofen Quantitation, Serum or Plasma</b>	<b>BACLO SP</b>
<b>Methodology:</b>	Quantitative High Performance Liquid Chromatography-Tandem Mass Spectrometry	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red or lavender (EDTA). <u>Specimen Preparation:</u> Separate from cells within 2 hours. Transfer 1 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.4 mL) <u>Storage/Transport Temperature:</u> Refrigerated. Also acceptable: Room temperature or frozen. <u>Unacceptable Conditions:</u> Separator tubes. <u>Stability:</u> Ambient: 2 weeks; Refrigerated: 2 weeks; Frozen: 2 weeks	
<b>CPT Code(s):</b>	80299	
<b>0060182</b>	<b>Bacterial Strain Characterization by Pulsed-Field Gel Electrophoresis</b>	<b>MC PFGE</b>
<b>Methodology:</b>	Pulsed-Field Gel Electrophoresis	
<b>Specimen Required:</b>	<u>Collect:</u> <b>Contact the Microbiology Laboratory (800) 242-2787 extension 2576, prior to submission of the organisms.</b> Organisms that are epidemiologically related or are recurrent isolates from the same patient in pure culture. <u>Specimen Preparation:</u> Transport sealed container with pure cultures on agar slants or on swabs in bacterial transport media. <u>Storage/Transport Temperature:</u> Room temperature. Submit specimen according to Biological Substance, Category B, shipping guidelines. <u>Remarks:</u> One report will be generated for each batch tested. <u>Unacceptable Conditions:</u> Mixed cultures or non-viable organisms. <u>Stability:</u> Ambient: 1 week; Refrigerated: Unacceptable; Frozen: Unacceptable	
<b>CPT Code(s):</b>	87152	
<b>0091093</b>	<b>Barbital, Serum or Plasma</b>	<b>BARBIT SP</b>
<b>Methodology:</b>	Gas Chromatography	
<b>Specimen Required:</b>	<u>Collect:</u> One 7 mL plain red, lavender (EDTA), or pink (K <sub>2</sub> EDTA). <u>Storage/Transport Temperature:</u> 2 mL serum or plasma at 20-25°C. (Min: 0.5 mL) Submit specimen in an ARUP Standard Transport Tube. <u>Unacceptable Conditions:</u> Separator tubes. <u>Stability:</u> Ambient: 2 weeks; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	82205	
<b>0091377</b>	<b>Barbital, Urine</b>	<b>BARBIT URN</b>
<b>Methodology:</b>	Gas Chromatography	
<b>Specimen Required:</b>	<u>Collect:</u> Random urine <u>Specimen Preparation:</u> Transfer 1 mL urine to an ARUP Standard Transport Tube. (Min: 0.5 mL) <u>Storage/Transport Temperature:</u> Room temperature <u>Stability:</u> Ambient: 2 weeks; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	82205	
<b>0090363</b>	<b>Barbiturates Detection</b>	<b>S BAR</b>
<b>Methodology:</b>	Fluorescence Polarization Immunoassay	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red. <u>Specimen Preparation:</u> Allow specimen to clot completely at room temperature. Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Separator tubes. <u>Stability:</u> After separation from cells: Ambient: 8 hours; Refrigerated: 1 week; Frozen: 2 months	
<b>CPT Code(s):</b>	80101	
<b>0091282</b>	<b>Barium, Serum or Plasma</b>	<b>BARIUM SP</b>
<b>Methodology:</b>	Inductively Coupled Plasma/Mass Spectrometry	
<b>Specimen Required:</b>	<u>Collect:</u> Royal blue (no additive or EDTA) <u>Specimen Preparation:</u> Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL) Also acceptable: Plasma <u>Storage/Transport Temperature:</u> Refrigerated <u>Remarks:</u> Plasma is acceptable, but not preferred. <u>Unacceptable Conditions:</u> Serum separator tubes <u>Stability:</u> Ambient: 2 weeks; Refrigerated: 2 weeks; Frozen: 2 weeks	
<b>CPT Code(s):</b>	83018	
<b>0091165</b>	<b>Barium, Urine</b>	<b>BARIUM URN</b>
<b>Methodology:</b>	Inductively Coupled Plasma/Mass Spectrometry	
<b>Specimen Required:</b>	<u>Collect:</u> Random urine. Collect urine in trace metal-free or acid-washed urine bottle. <u>Storage/Transport Temperature:</u> 1.0 mL urine at 2-8°C. (Min: 0.5 mL) Submit specimen in two ARUP Standard Transport Tubes. <u>Stability:</u> Ambient: 30 days; Refrigerated: 30 days; Frozen: 30 days	
<b>CPT Code(s):</b>	83018	
<b>0093057</b>	<b>Bartonella DNA Detection by PCR</b>	<b>BART DNA</b>
<b>Methodology:</b>	Qualitative Polymerase Chain Reaction	
<b>Specimen Required:</b>	<u>Collect:</u> Lavender (EDTA), pink (K <sub>2</sub> EDTA), plain red, or serum separator tube. OR CSF or tissue. <u>Specimen Preparation:</u> Separate serum or plasma from cells. Transfer 1 mL serum, plasma, or CSF to a sterile container. (Min: 0.25 mL) <b>OR Tissue:</b> Transfer to a sterile container and freeze immediately. <u>Storage/Transport Temperature:</u> Frozen. Submit specimen according to Biological Substance, Category B, shipping guidelines. <u>Remarks:</u> Specimen source required. <u>Unacceptable Conditions:</u> Whole blood (refer to ARUP test code 0060762). Heparinized specimens. Hemolyzed specimens. <u>Stability:</u> <b>Tissue:</b> Ambient: Unacceptable; Refrigerated: Unacceptable; Frozen: 1 month <b>All Others:</b> Ambient: 8 hours; Refrigerated: 72 hours; Frozen: 1 month	
<b>CPT Code(s):</b>	87471	

<b>0060762</b>	<b><i>Bartonella</i> DNA Detection by PCR, Whole Blood</b>	<b>BARTPCR WB</b>
<b>Methodology:</b>	Qualitative Polymerase Chain Reaction	
<b>Specimen Required:</b>	<u>Collect:</u> Lavender (EDTA) or pink (K <sub>2</sub> EDTA). <u>Specimen Preparation:</u> Transfer 1 mL whole blood to a sterile container. (Min: 0.25 mL) <u>Storage/Transport Temperature:</u> Refrigerated. Submit specimen according to Biological Substance, Category B, shipping guidelines. <u>Remarks:</u> Specimen source required. <u>Unacceptable Conditions:</u> Heparinized specimens. Hemolyzed specimens. <u>Stability:</u> Ambient: 8 hours; Refrigerated: 72 hours; Frozen: Unacceptable	
<b>CPT Code(s):</b>	87471	
<b>2002280</b>	<b><i>Bartonella henselae</i> &amp; <i>B. quintana</i> Antibodies, IgG &amp; IgM</b>	<b>BARTONELLA</b>
<b>Methodology:</b>	Semi-Quantitative Indirect Fluorescent Antibody	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.3 mL) Parallel testing is preferred and convalescent specimens <b>must</b> be received within 30 days from receipt of the acute specimens. <b>Mark specimens plainly as acute or convalescent.</b> <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Contaminated, hemolyzed, or severely lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)	
<b>CPT Code(s):</b>	86611 <i>Bartonella henselae</i> IgG; 86611 <i>Bartonella henselae</i> IgM; 86611 <i>Bartonella quintana</i> IgG; 86611 <i>Bartonella quintana</i> IgM	
<b>0050091</b>	<b><i>Bartonella henselae</i> Antibody, IgG by IFA</b>	<b>HENS G</b>
<b>Methodology:</b>	Semi-Quantitative Indirect Fluorescent Antibody	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.15 mL) Parallel testing is preferred and convalescent specimens <b>must</b> be received within 30 days from receipt of the acute specimens. <b>Mark specimens plainly as acute or convalescent.</b> <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Contaminated, hemolyzed, or severely lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)	
<b>CPT Code(s):</b>	86611	
<b>0050092</b>	<b><i>Bartonella henselae</i> Antibody, IgM by IFA</b>	<b>HENS M</b>
<b>Methodology:</b>	Semi-Quantitative Indirect Fluorescent Antibody	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.15 mL) Parallel testing is preferred and convalescent specimens <b>must</b> be received within 30 days from receipt of the acute specimens. <b>Mark specimens plainly as acute or convalescent.</b> <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Contaminated, hemolyzed, or severely lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)	
<b>CPT Code(s):</b>	86611	
<b>0050108</b>	<b><i>Bartonella henselae</i> (Cat Scratch) Antibodies, IgG &amp; IgM by IFA</b>	<b>CATSCRATCH</b>
<b>Methodology:</b>	Semi-Quantitative Indirect Fluorescent Antibody	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.15 mL) Parallel testing is preferred and convalescent specimens <b>must</b> be received within 30 days from receipt of the acute specimens. <b>Mark specimens plainly as acute or convalescent.</b> <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Contaminated, hemolyzed, or severely lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)	
<b>CPT Code(s):</b>	86611 <i>Bartonella henselae</i> IgG; 86611 <i>Bartonella henselae</i> IgM	
<b>0050106</b>	<b><i>Bartonella quintana</i> Antibodies, IgG &amp; IgM by IFA</b>	<b>BART PAN</b>
<b>Methodology:</b>	Semi-Quantitative Indirect Fluorescent Antibody	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.15 mL) Parallel testing is preferred and convalescent specimens <b>must</b> be received within 30 days from receipt of the acute specimens. <b>Mark specimens plainly as acute or convalescent.</b> <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Contaminated, hemolyzed, or severely lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)	
<b>CPT Code(s):</b>	86611 <i>Bartonella quintana</i> Ab, IgG; 86611 <i>Bartonella quintana</i> Ab, IgM	
<b>0050094</b>	<b><i>Bartonella quintana</i> Antibody, IgG by IFA</b>	<b>QUINT G</b>
<b>Methodology:</b>	Semi-Quantitative Indirect Fluorescent Antibody	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.15 mL) Parallel testing is preferred and convalescent specimens <b>must</b> be received within 30 days from receipt of the acute specimens. <b>Mark specimens plainly as acute or convalescent.</b> <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Contaminated, hemolyzed, or severely lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)	
<b>CPT Code(s):</b>	86611	
<b>0050093</b>	<b><i>Bartonella quintana</i> Antibody, IgM by IFA</b>	<b>QUINT M</b>

<b>Methodology:</b>	Semi-Quantitative Indirect Fluorescent Antibody	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.15 mL) Parallel testing is preferred and convalescent specimens <b>must</b> be received within 30 days from receipt of the acute specimens. <b>Mark specimens plainly as acute or convalescent.</b> <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Contaminated, hemolyzed, or severely lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)	
<b>CPT Code(s):</b>	86611	
<b>0020399</b>	<b>Basic Metabolic Panel</b>	<b>BMP</b>
<b>Methodology:</b>	Refer to individual components	
<b>Specimen Required:</b>	<u>Collect:</u> Green (sodium or lithium heparin), plasma separator tube, or serum separator tube. <u>Specimen Preparation:</u> Allow serum tube to clot completely at room temperature. Separate serum or plasma from cells ASAP or within 2 hours of collection. Transfer 1 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.3 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Specimens collected in EDTA, citrate, or oxalate. <u>Stability:</u> After separation from cells: Ambient: Calcium and CO <sub>2</sub> : 4 hours, All others: 24 hours; Refrigerated: 1 week; Frozen: 6 months	
<b>CPT Code(s):</b>	80048	
<b>2004513</b>	<b>BCL-2 by Immunohistochemistry</b>	<b>BCL2 IHC</b>
<b>Methodology:</b>	Immunohistochemistry	
<b>Specimen Required:</b>	<u>Collect:</u> Tissue or cells. <u>Specimen Preparation:</u> Formalin fix (10% neutral buffered formalin is preferred) and paraffin embed specimen (Cells must be prepared into a cellblock). If sending precut slides, do not oven bake. Protect paraffin block and/or slides from excessive heat. Ship in cooled container during summer months. <u>Storage/Transport Temperature:</u> Room temperature or refrigerated. <u>Remarks:</u> <b>IMMUNOHISTOCHEMISTRY ORDERING AND SUBMISSION DETAILS:</b> Submit electronic request. If you do not have electronic ordering capability, use an ARUP Immunohistochemistry Stain Form (#32978) with an ARUP client number. For additional technical details, please contact ARUP Client Services. <u>Unacceptable Conditions:</u> Depleted specimens. Specimens submitted with non-representative tissue type. <u>Stability:</u> Ambient: Indefinite; Refrigerated: Indefinite; Frozen: Indefinite	
<b>CPT Code(s):</b>	88342	
<b>2003457</b>	<b>BCL-6 by Immunohistochemistry</b>	<b>BCL6 IHC</b>
<b>Methodology:</b>	Immunohistochemistry	
<b>Specimen Required:</b>	<u>Collect:</u> Tissue or cells. <u>Specimen Preparation:</u> Formalin fix (10% neutral buffered formalin is preferred) and paraffin embed specimen (Cells must be prepared into a cellblock). If sending precut slides, do not oven bake. Protect paraffin block and/or slides from excessive heat. Ship in cooled container during summer months. <u>Storage/Transport Temperature:</u> Room temperature or refrigerated. <u>Remarks:</u> <b>IMMUNOHISTOCHEMISTRY ORDERING AND SUBMISSION DETAILS:</b> Submit electronic request. If you do not have electronic ordering capability, use an ARUP Immunohistochemistry Stain Form (#32978) with an ARUP client number. For additional technical details, please contact ARUP Client Services. <u>Unacceptable Conditions:</u> Depleted specimens. Specimens submitted with non-representative tissue type. <u>Stability:</u> Ambient: Indefinite; Refrigerated: Indefinite; Frozen: Indefinite	
<b>CPT Code(s):</b>	88342	
<b>0055553</b>	<b>BCR-ABL, t(9;22) Translocation Qualitative by RT-PCR</b>	<b>BCR-ABL</b>
<b>Methodology:</b>	Reverse Transcription Polymerase Chain Reaction	
<b>Specimen Required:</b>	<u>Collect:</u> Lavender (EDTA) or bone marrow (EDTA). <u>Specimen Preparation:</u> Transport 5 mL whole blood or 3 mL bone marrow. (Min: 1 mL whole blood or 1 mL bone marrow) <b>Specimens must be received within 48 hours of collection due to lability of RNA.</b> <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Serum or plasma. Specimens collected in anticoagulants other than EDTA. Frozen specimens. Clotted or severely hemolyzed specimens. <u>Stability:</u> Ambient: 1 hour; Refrigerated: 48 hours; Frozen: Unacceptable	
<b>CPT Code(s):</b>	83891 Isolation; 83902 Reverse transcription; 83898 x6 Amplification; 83894 x3 Gel separation; 83912 Interpretation and report - Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.	
<b>0040138</b>	<b>BCR-ABL1 Kinase Domain Mutation Analysis</b>	<b>BCRABL MUT</b>
<b>Methodology:</b>	Polymerase Chain Reaction/Sequencing	
<b>Specimen Required:</b>	<u>Collect:</u> Lavender (EDTA) or bone marrow (EDTA). <u>Specimen Preparation:</u> Transport 5 mL whole blood <b>OR</b> 3 mL bone marrow. (Min: 1 mL whole blood <b>OR</b> 1 mL bone marrow) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Serum or plasma. Specimens collected in preservatives other than EDTA. Frozen specimens. Clotted or severely hemolyzed specimens. <u>Stability:</u> Ambient: 1 hour; Refrigerated: 48 hours; Frozen: Unacceptable	
<b>CPT Code(s):</b>	83891 Isolation; 83902 Reverse transcription; 83898 x4 Amplification; 83894 Gel detection; 83912 Interpretation and report. If sequencing is performed, add: 83892 Enzyme digestion; 83904 Sequencing and 83909 Capillary electrophoresis. Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.	
<b>2005017</b>	<b>BCR-ABL1, Major (p210), Quantitative</b>	<b>BCR MAJ</b>
<b>Methodology:</b>	Reverse Transcription/Quantitative Polymerase Chain Reaction	
<b>Specimen Required:</b>	<u>Collect:</u> Lavender (EDTA) or bone marrow (EDTA). <u>Specimen Preparation:</u> Transport 5 mL whole blood or 3 mL bone marrow. (Min: 1 mL whole blood or 1 mL bone marrow) <b>Specimens must be received within 48 hours of collection due to lability of RNA.</b> <u>Storage/Transport Temperature:</u> Refrigerated.	

	<u>Unacceptable Conditions:</u> Serum or plasma. Specimens collected in preservatives other than EDTA. Frozen specimens. Clotted or severely hemolyzed specimens. <u>Stability:</u> Ambient: 1 hour; Refrigerated: 48 hours; Frozen: Unacceptable	
<b>CPT Code(s):</b>	83891 Isolation; 83902 Reverse transcription; 83898 x2 Amplification; 83896 x2 Nucleic acid probes; 83912 Interpretation and report - Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.	
<b>2005016</b>	<b><i>BCR-ABLI, Minor (p190), Quantitative</i></b>	<b>BCR MIN</b>
<b>Methodology:</b>	Reverse Transcription/Quantitative Polymerase Chain Reaction	
<b>Specimen Required:</b>	<u>Collect:</u> Lavender (EDTA) or bone marrow (EDTA). <u>Specimen Preparation:</u> Transport 5 mL whole blood or 3 mL bone marrow. (Min: 1 mL whole blood or 1 mL bone marrow) <b>Specimens must be received within 48 hours of collection due to lability of RNA.</b> <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Serum or plasma. Specimens collected in preservatives other than EDTA. Frozen specimens. Clotted or severely hemolyzed specimens. <u>Stability:</u> Ambient: 1 hour; Refrigerated: 48 hours; Frozen: Unacceptable	
<b>CPT Code(s):</b>	83891 Isolation; 83902 Reverse transcription; 83898 x2 Amplification; 83896 x2 Nucleic acid probes; 83912 Interpretation and report - Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.	
<b>2005010</b>	<b><i>BCR-ABLI, Qualitative with Reflex to BCR-ABLI Quantitative</i></b>	<b>BCR RFLX</b>
<b>Methodology:</b>	Reverse Transcription Polymerase Chain Reaction	
<b>Specimen Required:</b>	<u>Collect:</u> Lavender (EDTA) or bone marrow (EDTA). <u>Specimen Preparation:</u> Transport 5 mL whole blood or 3 mL bone marrow. (Min: 1 mL whole blood or 1 mL bone marrow) <b>Specimens must be received within 48 hours of collection due to lability of RNA.</b> <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Serum or plasma. Specimens collected in preservatives other than EDTA. Frozen specimens. Clotted or severely hemolyzed specimens. <u>Stability:</u> Ambient: 1 hour; Refrigerated: 48 hours; Frozen: Unacceptable	
<b>CPT Code(s):</b>	83891 Isolation; 83902 Reverse transcription; 83898 x6 Amplification; 83894 x3 Gel separation; 83912 Interpretation and report. If reflexed add 83902 Reverse transcription; 83898 x2 Amplification; 83896 x2 Nucleic acid probes; 83912 Interpretation and report - Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.	
<b>2004924</b>	<b><i>BCR-ABLI, T315I Mutation Detection, Quantitative</i></b>	<b>ABL T315I</b>
<b>Methodology:</b>	Reverse Transcription Polymerase Chain Reaction/Pyrosequencing	
<b>Specimen Required:</b>	<u>Collect:</u> Lavender (EDTA) or bone marrow (EDTA). <u>Specimen Preparation:</u> Transport 5 mL whole blood or 3 mL bone marrow. (Min: 1 mL whole blood or 1 mL bone marrow) <b>Specimens must be received within 48 hours of collection due to lability of RNA.</b> <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Serum or plasma. Specimens collected in preservatives other than EDTA. Frozen specimens. Clotted or severely hemolyzed specimens. <u>Stability:</u> Ambient: 1 hour; Refrigerated: 48 hours; Frozen: Unacceptable	
<b>CPT Code(s):</b>	83891 Isolation; 83902 Reverse transcription; 83898 x2 Amplification; 83904 Sequencing; 83912 Interpretation and report - Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.	
<b>0091315</b>	<b><i>Belladonna Alkaloids Panel</i></b>	<b>BELLADONNA</b>
<b>Methodology:</b>	High Performance Liquid Chromatography/Tandem Mass Spectrometry	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red, lavender (EDTA), or pink (K <sub>2</sub> EDTA). <u>Specimen Preparation:</u> Separate from cells within 2 hours. Transfer 3 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 1.2 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Separator tubes. <u>Stability:</u> Ambient: 1 week; Refrigerated: 2 weeks; Frozen: 1 month	
<b>CPT Code(s):</b>	82542 x2 Atropine, scopolamine	
<b>2002464</b>	<b><i>Bence Jones Protein Detection, Quantitation and Characterization with Reflex to Quantitative Free Kappa and Lambda Light Chains, Urine</i></b>	<b>BJP-U REFLEX</b>
<b>Methodology:</b>	Semi-Quantitative Electrophoresis/Qualitative Immunofixation Electrophoresis/Quantitative	
<b>Specimen Required:</b>	<u>Collect:</u> 24-hour urine. Refrigerate during collection. Also acceptable: Urine supernatant. <u>Specimen Preparation:</u> Transfer two 4 mL aliquots from well-mixed 24 hour collection to individual ARUP Standard Transport Tubes. (Min: 4 mL) Record total volume and collection time interval on transport tube and test request form. <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Non-refrigerated specimens. <u>Stability:</u> Ambient: 2 hours; Refrigerated: 1 week; Frozen: 1 month	
<b>CPT Code(s):</b>	84156 Total protein; 84166 Protein fractionation; 86335 IFE; if reflexed, add 83883 x2 Nephelometry, kappa/lambda	
<b>0050161</b>	<b><i>Bence Jones Protein, Qualitative Free Kappa &amp; Lambda Light Chains, Urine</i></b>	<b>BJQUAL</b>
<b>Methodology:</b>	Qualitative Immunofixation Electrophoresis/Quantitative Nephelometry	
<b>Specimen Required:</b>	<u>Collect:</u> 24-hour urine. Refrigerate during collection. Also acceptable: Random specimens and urine supernate. <u>Specimen Preparation:</u> Transfer two 4 mL aliquots from a well-mixed 24-hour urine collection to individual ARUP Standard Transport Tubes. (Min: 4 mL) <b>Record total volume and collection time interval on transport tube and test request form.</b> <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Non-refrigerated specimens. <u>Stability:</u> Ambient: 2 hours; Refrigerated: 1 week; Frozen: 1 month	
<b>CPT Code(s):</b>	84156 Total protein; 86335 IFE	
<b>0050618</b>	<b><i>Bence Jones Protein, Quantitative Free Kappa &amp; Lambda Light Chains, Urine</i></b>	<b>BJ QUANT</b>
<b>Methodology:</b>	Qualitative Immunofixation Electrophoresis/Quantitative Nephelometry	
<b>Specimen Required:</b>	<u>Collect:</u> 24-hour urine. Refrigerate during collection. Also acceptable: Random urine specimens and urine supernate. <u>Specimen Preparation:</u> Transfer two 4 mL aliquots from a well-mixed 24-hour collection to individual ARUP Standard Transport Tubes.	

	(Min: 4 mL) <b>Record total volume and collection time interval on transport tube and test request form.</b> <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Non-refrigerated specimens. <u>Stability:</u> Ambient: 2 hours; Refrigerated: 1 week; Frozen: 1 month	
<b>CPT Code(s):</b>	84156 Total protein; 86335 IFE; 83883 x2 Nephelometry, kappa/lambda	
<b>0050689</b>	<b>Bence Jones Protein, Quantitative Free Kappa Light Chains, Urine</b>	<b>BJQNTKAPP</b>
<b>Methodology:</b>	Quantitative Nephelometry/Qualitative Immunofixation Electrophoresis	
<b>Specimen Required:</b>	<u>Collect:</u> 24-hour urine. Refrigerate during collection. Also acceptable: Urine supernate. <u>Specimen Preparation:</u> Transfer two 4 mL aliquots from a well-mixed 24-hour urine collection to individual ARUP Standard Transport Tubes. (Min: 4 mL) <b>Record total volume and collection time interval on transport tube and test request form.</b> <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Random specimens. Non-refrigerated specimens. <u>Stability:</u> Ambient: 2 hours; Refrigerated: 1 week; Frozen: 1 month	
<b>CPT Code(s):</b>	84156 Total protein; 86335 IFE; 83883 Nephelometry, kappa	
<b>0050682</b>	<b>Bence Jones Protein, Quantitative Free Lambda Light Chains, Urine</b>	<b>BJQNTLAMB</b>
<b>Methodology:</b>	Quantitative Nephelometry/Qualitative Immunofixation Electrophoresis	
<b>Specimen Required:</b>	<u>Collect:</u> 24-hour urine. Refrigerate during collection. Also acceptable: Urine supernate. <u>Specimen Preparation:</u> Transfer two 4 mL aliquots from a well-mixed 24-hour urine collection to individual ARUP Standard Transport Tubes. (Min: 4 mL) <b>Record total volume and collection time interval on transport tube and test request form.</b> <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Random specimens. Non-refrigerated specimens. <u>Stability:</u> Ambient: 2 hours; Refrigerated: 1 week; Frozen: 1 month	
<b>CPT Code(s):</b>	84156 Total protein; 86335 IFE; 83883 Nephelometry, lambda	
<b>0091209</b>	<b>Bendiocarb, Serum or Plasma</b>	<b>BENDIOC SP</b>
<b>Methodology:</b>	High Performance Thin Layer Chromatography	
<b>Specimen Required:</b>	<u>Collect:</u> One 10 mL plain red or two 7 mL lavender (EDTA) or pink (K <sub>2</sub> EDTA). <u>Storage/Transport Temperature:</u> 4 mL serum or plasma frozen. (Min: 0.5 mL) Submit sample in an ARUP Standard Transport Tube. <u>Remarks:</u> <b>CRITICAL FROZEN. Separate samples must be submitted when multiple tests are ordered.</b> <u>Stability:</u> No stabilities available at this time.	
<b>CPT Code(s):</b>	82491	
<b>0091201</b>	<b>Benzene Quantitation, Whole Blood</b>	<b>BENZ BLD</b>
<b>Methodology:</b>	Quantitative Gas Chromatography	
<b>Specimen Required:</b>	<u>Collect:</u> Gray (potassium oxalate/sodium fluoride) or lavender (EDTA). <u>Specimen Preparation:</u> Transfer 2 mL whole blood to an ARUP Standard Transport Tube. (Min: 0.7 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Stability:</u> Ambient: Unacceptable; Refrigerated: 2 weeks; Frozen: 3 weeks	
<b>CPT Code(s):</b>	84600	
<b>0090367</b>	<b>Benzodiazepines Detection</b>	<b>S BNZ</b>
<b>Methodology:</b>	Fluorescence Polarization Immunoassay	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red. <u>Specimen Preparation:</u> Allow specimen to clot completely at room temperature. Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Specimens collected in separator tubes or fluoride. Specimens exposed to repeated freeze/thaw cycles. <u>Stability:</u> After separation from cells: Ambient: 8 hours; Refrigerated: 48 hours; Frozen: 2 months	
<b>CPT Code(s):</b>	80101	
<b>0091516</b>	<b>Benzotropine, Serum or Plasma</b>	<b>BENZTROP S</b>
<b>Methodology:</b>	Gas Chromatography	
<b>Specimen Required:</b>	<u>Collect:</u> Two 7 mL plain red, gray (sodium fluoride/potassium oxalate), green (sodium heparin), lavender (EDTA), or pink (K <sub>2</sub> EDTA). <u>Storage/Transport Temperature:</u> 5 mL serum or plasma at 2-8°C. (Min: 2.2 mL) Submit specimen in ARUP Standard Transport Tubes. <u>Unacceptable Conditions:</u> Separator tubes. <u>Stability:</u> Ambient: 2 weeks; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	80299	
<b>0091098</b>	<b>Benzotropine, Urine</b>	<b>BENZTR U</b>
<b>Methodology:</b>	Gas Chromatography	
<b>Specimen Required:</b>	<u>Collect:</u> Random urine. <u>Storage/Transport Temperature:</u> 4 mL urine at 2-8°C. (Min: 2 mL) Submit specimen in an ARUP Standard Transport Tube. <u>Stability:</u> Ambient: 2 weeks; Refrigerated: 2 weeks; Frozen: 1 year	
<b>CPT Code(s):</b>	80299	
<b>0091278</b>	<b>Beryllium, Serum or Plasma</b>	<b>BERYLLIUM</b>
<b>Methodology:</b>	Inductively Coupled Plasma/Mass Spectrometry	
<b>Specimen Required:</b>	<u>Collect:</u> Royal blue (trace metal-free). <u>Specimen Preparation:</u> Transfer 2 mL serum or plasma to an ARUP Trace Element-Free Transport Tube (ARUP supply #43116). (Min: 0.5 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Serum separator tubes. <u>Stability:</u> Ambient: Unacceptable; Refrigerated: 2 weeks; Frozen: Indefinite	
<b>CPT Code(s):</b>	83018	
<b>0091154</b>	<b>Beryllium, Urine</b>	<b>BERYLL URN</b>

<b>Methodology:</b>	Quantitative Inductively Coupled Plasma/Mass Spectrometry/Colorimetry	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> High concentrations of gadolinium are known to interfere with most metals tests. If gadolinium-containing contrast media has been administered, a specimen cannot be collected for 48 hours. <u>Collect:</u> Urine in a trace metal-free or acid-washed plastic container. <u>Specimen Preparation:</u> Transfer 3 mL urine to an ARUP Trace Element-Free Transport Tube (ARUP supply #43116). Available online through eSupply using ARUP Connect™ or contact ARUP Client Services at (800) 522-2787. (Min: 1.8 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Stability:</u> Ambient: 1 week; Refrigerated: 1 week; Frozen: 2 weeks	
<b>CPT Code(s):</b>	82570 Creatinine; 83018 Beryllium heavy metal, quantitative	
<b>0051288</b>	<b>Beta-2-Adrenergic Receptor (ADBR2) Haplotyping</b>	<b>ADRB2 HAP</b>
<b>Methodology:</b>	Polymerase Chain Reaction/Fluorescence Monitoring	
<b>Specimen Required:</b>	<u>Collect:</u> Lavender (EDTA), pink (K <sub>2</sub> EDTA), or yellow (ACD Solution A or B). <u>Specimen Preparation:</u> Transport 3 mL whole blood. (Min: 1 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Stability:</u> Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable	
<b>CPT Code(s):</b>	83891 Isolation; 83898 Amplification; 83896 x2 Nucleic acid probe; 83912 Interpretation and report - Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.	
<b>0050321</b>	<b>Beta-2 Glycoprotein 1 Antibodies, IgG &amp; IgM</b>	<b>B2GPI PAN</b>
<b>Methodology:</b>	Semi-Quantitative Enzyme-Linked Immunosorbent Assay	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.3 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Plasma or other body fluids. Contaminated, hemolyzed, grossly icteric, or severely lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)	
<b>CPT Code(s):</b>	86146 Beta-2 Glycoprotein I, IgG; 86146 Beta-2 Glycoprotein I, IgM	
<b>2002569</b>	<b>Beta-2 Glycoprotein 1 Antibodies, IgG, IgM &amp; IgA</b>	<b>B2GPI PAN3</b>
<b>Methodology:</b>	Semi-Quantitative Enzyme-Linked Immunosorbent Assay	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube. <u>Specimen Preparation:</u> Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.3 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Plasma or other body fluids. Contaminated, hemolyzed, grossly icteric, or severely lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)	
<b>CPT Code(s):</b>	86146 Beta-2 Glycoprotein I, IgG; 86146 Beta-2 Glycoprotein I, IgM; 86146 Beta-2 Glycoprotein I, IgA	
<b>0050324</b>	<b>Beta-2 Glycoprotein 1 Antibody, IgA</b>	<b>B2GPI A</b>
<b>Methodology:</b>	Semi-Quantitative Enzyme-Linked Immunosorbent Assay	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.3 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Plasma or other body fluids. Contaminated, hemolyzed, grossly icteric, or severely lipemic specimens. <u>Stability:</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)	
<b>CPT Code(s):</b>	86146	
<b>0080054</b>	<b>Beta-2 Microglobulin, CSF</b>	<b>B2M CSF</b>
<b>Methodology:</b>	Quantitative Immunoturbidimetric	
<b>Specimen Required:</b>	<u>Collect:</u> CSF. Also acceptable: CSF collected in plain red or green (sodium or lithium heparin). <u>Specimen Preparation:</u> Centrifuge to remove cellular material. Transfer 0.5 mL CSF to an ARUP Standard Transport Tube. (Min: 0.4 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Stability:</u> After separation from cellular material: Ambient: 8 hours; Refrigerated: 1 week; Frozen: 2 weeks	
<b>CPT Code(s):</b>	82232	
<b>0080053</b>	<b>Beta-2 Microglobulin, Serum or Plasma</b>	<b>B2M S</b>
<b>Methodology:</b>	Quantitative Immunoturbidimetric	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube. Also acceptable: Green (sodium or lithium heparin), lavender (EDTA), or pink (K <sub>2</sub> EDTA). <u>Specimen Preparation:</u> Allow specimen to clot completely at room temperature. Separate serum or plasma from cells ASAP or within 2 hours of collection. Transfer 1 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.3 mL) <u>Storage/Transport Temperature:</u> Frozen. <u>Stability:</u> After separation from cells: Ambient: 8 hours; Refrigerated: 72 hours; Frozen: 6 months	
<b>CPT Code(s):</b>	82232	
<b>0080432</b>	<b>Beta-2 Microglobulin, Urine</b>	<b>B2M U</b>
<b>Methodology:</b>	Quantitative Chemiluminescent Immunoassay	
<b>Specimen Required:</b>	<u>Patient Preparation:</u> Void the urinary bladder, then drink a large glass of water and collect a urine specimen within 1 hour. <u>Collect:</u> Random urine. <u>Specimen Preparation:</u> Transfer one 3 mL aliquot from a well-mixed random collection to an ARUP Standard Transport Tube. (Min: 1 mL) If pH is greater than 8, lower pH to 6-8 by adding 1M HCL. If pH less than 6, increase pH to 6-8 by adding 5% NaOH. Titrate with appropriate preservative until pH of 6-8 has been reached. Record the pH on the transport tube and test request form. <u>Storage/Transport Temperature:</u> Frozen <u>Stability:</u> Ambient: 8 hours; Refrigerated: 48 hours; Frozen: 2 months	
<b>CPT Code(s):</b>	82232	

<b>0050047</b>	<b>Beta-2 Transferrin</b>	<b>B2TRNSF</b>
<b>Methodology:</b>	Qualitative Immunofixation Electrophoresis	
<b>Specimen Required:</b>	<u>Collect:</u> Serum separator tube <b>AND</b> aural or nasal fluid in sterile container. <u>Specimen Preparation:</u> <b>Do not freeze.</b> Separate serum from cells ASAP or within 2 hours of collection. Transport 2 mL serum <b>AND</b> 2 mL aural or nasal fluid in a tube without preservative. (Min: 0.5 mL serum <b>and</b> 1 mL aural or nasal fluid) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Plasma. <u>Stability:</u> Ambient: 4 hours; Refrigerated: 72 hours; Frozen: Unacceptable	
<b>CPT Code(s):</b>	86334 IFE Serum; 86335 IFE Fluid	
<b>2003454</b>	<b>Beta-Catenin-1 by Immunohistochemistry</b>	<b>BCAT1 IHC</b>
<b>Methodology:</b>	Immunohistochemistry	
<b>Specimen Required:</b>	<u>Collect:</u> Tissue or cells. <u>Specimen Preparation:</u> Formalin fix (10% neutral buffered formalin is preferred) and paraffin embed specimen (Cells must be prepared into a cellblock). If sending precut slides, do not oven bake. Protect paraffin block and/or slides from excessive heat. Ship in cooled container during summer months. <u>Storage/Transport Temperature:</u> Room temperature or refrigerated. <u>Remarks:</u> <b>IMMUNOHISTOCHEMISTRY ORDERING AND SUBMISSION DETAILS:</b> Submit electronic request. If you do not have electronic ordering capability, use an ARUP Immunohistochemistry Stain Form (#32978) with an ARUP client number. For additional technical details, please contact ARUP Client Services. <u>Unacceptable Conditions:</u> Depleted specimens. Specimens submitted with non-representative tissue type. <u>Stability:</u> Ambient: Indefinite; Refrigerated: Indefinite; Frozen: Indefinite	
<b>CPT Code(s):</b>	88342	
<b>2002434</b>	<b>(1,3)-Beta-D-Glucan (Fungitell®)</b>	<b>BDGLUCAN</b>
<b>Methodology:</b>	Semi-quantitative Colorimetric Assay	
<b>Specimen Required:</b>	<u>Collect:</u> Plain red. <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 2 mL serum to a sterile ARUP Standard Transport Tube (ARUP supply # 43115). Available online through eSupply using ARUP Connect™ or contact ARUP Client Services at (800) 522-2787. (Min: 0.5 mL) <u>Storage/Transport Temperature:</u> Refrigerated. Submit specimen according to Biological Substance, Category B, shipping guidelines. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic, specimens. <u>Stability:</u> Ambient: Unacceptable, Refrigerated: 2 weeks; Frozen: 2 weeks	
<b>CPT Code(s):</b>	87449	
<b>0050578</b>	<b>Beta Globin (HBB) Gene Sequencing</b>	<b>BGSEQ</b>
<b>Methodology:</b>	Polymerase Chain Reaction/Sequencing	
<b>Specimen Required:</b>	<u>Collect:</u> Lavender (EDTA) or pink (K <sub>2</sub> EDTA). Also acceptable: Yellow (ACD Solution A or B). <u>Specimen Preparation:</u> Transport 3 mL whole blood. (Min: 1 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Stability:</u> Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable	
<b>CPT Code(s):</b>	83891 Isolation; 83898 x4 Amplification; 83894 Gel electrophoresis; 83904 x3 Sequencing; 83909 Capillary electrophoresis; 83912 Interpretation and report - Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.	
<b>0051421</b>	<b>Beta Globin (HBB) HbS, HbC, &amp; HbE Mutations</b>	<b>HB SCE</b>
<b>Methodology:</b>	Polymerase Chain Reaction/Fluorescence Resonance Energy Transfer	
<b>Specimen Required:</b>	<u>Collect:</u> Lavender (EDTA), pink (K <sub>2</sub> EDTA), or yellow (ACD Solution A or B). <u>Specimen Preparation:</u> Transport 3 mL whole blood. (Min: 1 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Stability:</u> Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable	
<b>CPT Code(s):</b>	83891 Isolation; 83898 x2 Amplification; 83896 x3 Nucleic acid probe; 83912 Interpretation and report - Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.	
<b>0051422</b>	<b>Beta Globin (HBB) HbS, HbC, and HbE Mutations, Fetal</b>	<b>HB SCE FE</b>
<b>Methodology:</b>	Polymerase Chain Reaction/Fluorescence Resonance Energy Transfer	
<b>Specimen Required:</b>	<u>Collect:</u> <b>Fetal Specimen:</b> Two T-25 flasks at 80% confluency of cultured amniocytes. <b>If the client is unable to culture amniocytes, this can be arranged by contacting ARUP Client Services at (800) 522-2787.</b> Or amniotic fluid. <b>AND Maternal Cell Contamination Specimen:</b> Lavender (EDTA), pink (K <sub>2</sub> EDTA), or yellow (ACD Solution A or B). <u>Specimen Preparation:</u> <b>Cultured Amniocytes:</b> Fill flasks with culture media. Transport two T-25 flasks at 80% confluency of cultured amniocytes. Backup cultures must be retained at the client's institution until testing is complete. <b>OR Amniotic Fluid:</b> Transport 10 mL unspun fluid. (Min: 5 mL) <b>AND Maternal Cell Contamination Specimen:</b> Transport 3 mL whole blood. (Min: 1 mL) <u>Storage/Transport Temperature:</u> <b>Cultured Amniocytes: CRITICAL ROOM TEMPERATURE.</b> Must be received within 48 hours of shipment due to liability of cells. <b>Amniotic fluid:</b> Room temperature. <b>Maternal Cell Contamination Specimen:</b> Room temperature. <u>Remarks:</u> <b>Maternal specimen is recommended for proper test interpretation. Order Maternal Cell Contamination. Patient History Form is available on the ARUP Web site or by contacting ARUP Client Services.</b> <u>Stability:</u> <b>Fetal Specimen:</b> Ambient: 48 hours; Refrigerated: Unacceptable; Frozen: Unacceptable <b>Maternal Cell Contamination Specimen:</b> Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable	
<b>CPT Code(s):</b>	83891 Isolation; 83898 x2 Amplification; 83896 x3 Nucleic acid probes; 83912 Interpretation and report. FCC: 83900 Multiplex amplification (first two sequences); 83901 x14 Additional amplification; 83909 Capillary electrophoresis. If MCC Maternal Cell (0050608) is performed, add: 83891 Isolation; 83900 Multiplex amplification; 83901 x14 Additional amplification; 83909 Capillary electrophoresis; 83912 Interpretation and report - Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.	
<b>0050388</b>	<b>Beta Globin (HBB) Sequencing, Fetal</b>	<b>BGSEQ FE</b>

**Methodology:** Polymerase Chain Reaction/Sequencing  
**Specimen Required:** Collect: **Fetal Specimen:** Two T-25 flasks at 80% confluent of cultured amniocytes. **If the client is unable to culture amniocytes, this can be arranged by contacting ARUP Client Services at (800) 522-2787.** Or amniotic fluid.  
**AND Maternal Cell Contamination Specimen:** Lavender (EDTA), pink (K<sub>2</sub>EDTA), or yellow (ACD Solution A or B).  
**OR Whole Blood** in lavender (EDTA), pink (K<sub>2</sub>EDTA), or yellow (ACD Solution A or B).  
Specimen Preparation: **Cultured Amniocytes:** Fill flasks with culture media. Transport two T-25 flasks at 80% confluent of cultured amniocytes filled with culture media. Backup cultures must be retained at the client's institution until testing is complete.  
**OR Amniotic Fluid:** Transport 10 mL unspun fluid. (Min: 5 mL)  
**AND Maternal Cell Contamination Specimen:** Transport 3 mL whole blood (Min: 1 mL)  
**OR Whole Blood:** Transport 3 mL whole blood (Min: 1 mL)  
Storage/Transport Temperature: **Cultured Amniocytes: CRITICAL ROOM TEMPERATURE.** Must be received within 48 hours of shipment due to liability of cells.  
**Amniotic fluid:** Room temperature.  
**Whole Blood or Maternal Cell Contamination Specimen:** Room temperature.  
Remarks: **Maternal specimen is recommended for proper test interpretation. Order Maternal Cell Contamination. Patient History Form is available on the ARUP Web site or by contacting ARUP Client Services.**  
Stability: **Fetal Specimen:** Ambient: 48 hours; Refrigerated: Unacceptable; Frozen: Unacceptable  
**Whole Blood or Maternal Cell contamination Specimen:** Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable  
**CPT Code(s):** 83891 Isolation; 83898 x4 Amplification; 83894 Gel separation; 83904 x3 Sequencing; 83909 Capillary electrophoresis; 83912 Interpretation and report. FCC: 83900 Multiplex amplification; 83901 x14 Additional Amplification; 83909 Capillary electrophoresis. For MCC Maternal cell (0050608) add: 83891 Isolation; 83900 Multiplex amplification; 83901 x14 Additional amplification; 83909 Capillary electrophoresis; 83912 Interpretation and report.

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**0070029** **Beta-hCG, Quantitative (Tumor Marker)** **BHCG TM**  
**Methodology:** Quantitative Electrochemiluminescent Immunoassay  
**Specimen Required:** Collect: Serum separator tube. Also acceptable: Lavender (EDTA), pink (K<sub>2</sub>EDTA), or green (sodium or lithium heparin).  
Specimen Preparation: Allow specimen to clot completely at room temperature. Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.4 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Specimens left to clot at 2-8°C or specimens subjected to repeated freeze/thaw cycles.  
Stability: After separation from cells: Ambient: 8 hours; Refrigerated: 1 week; Frozen: 2 months  
**CPT Code(s):** 84702

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**0020730** **Beta-hCG, Quantitative (Tumor Marker), CSF** **BHCG CSF**  
**Methodology:** Quantitative Electrochemiluminescent Immunoassay  
**Specimen Required:** Collect: CSF. Also acceptable: CSF collected in plain red or green (sodium or lithium heparin).  
Specimen Preparation: Transfer 0.5 mL CSF to an ARUP Standard Transport Tube. (Min: 0.3 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Any other body fluids.  
Stability: Ambient: 8 hours; Refrigerated: 1 week; Frozen: 2 months  
**CPT Code(s):** 84702

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**0020063** **Beta-hCG, Serum Qualitative** **BHCG-S**  
**Methodology:** Immunoassay  
**Specimen Required:** Collect: Serum separator tube.  
Specimen Preparation: Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Plasma. Specimens exposed to repeated freeze/thaw cycles.  
Stability: After separation from cells: Ambient: 8 hours; Refrigerated: 72 hours; Frozen: 2 months  
**CPT Code(s):** 84703

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**0070025** **Beta-hCG, Serum Quantitative** **BHCG QNT**  
**Methodology:** Chemiluminescent Immunoassay  
**Specimen Required:** Collect: Serum separator tube or plain red.  
Specimen Preparation: Specimen needs to sit for 15-20 minutes for proper clot formation and to assure the absence of fibrin in the serum which can interfere with this assay. Separate serum from cells within 2 hours of collection. Transfer 2 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL)  
Storage/Transport Temperature: Frozen.  
Remarks: This test is not appropriate for tumor marker studies and should not be performed on males.  
Unacceptable Conditions: Plasma. Specimens exposed to repeated freeze/thaw cycles. Test ordered for tumor markers or on males.  
Stability: After separation from cells: Ambient: 8 hours; Refrigerated: 48 hours; Frozen: 6 months  
**CPT Code(s):** 84702

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**0020229** **Beta-hCG, Urine Qualitative** **BHCG-U**  
**Methodology:** Immunoassay  
**Specimen Required:** Collect: Urine in a plastic container. First-morning urine is the preferred specimen as it usually contains the highest concentration of beta-hCG; however, any specimen is suitable for testing.  
Specimen Preparation: Transfer 1 mL aliquot of urine to an ARUP Standard Transport Tube. If frozen, mix after thawing. Do not refreeze.  
Storage/Transport Temperature: Refrigerated.  
Stability: Ambient: 8 hours; Refrigerated: 72 hours; Frozen: 6 months (one freeze/thaw cycle is acceptable)  
**CPT Code(s):** 81025

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**0080045** **Beta-Hydroxybutyric Acid** **B-OH**  
**Methodology:** Quantitative Enzymatic  
**Specimen Required:** Collect: Serum separator tube, lavender (EDTA), pink (K<sub>2</sub>EDTA), green (sodium or lithium heparin), or gray (sodium fluoride/potassium oxalate).  
Specimen Preparation: Transfer 1 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.2 mL)

Storage/Transport Temperature: Refrigerated.

Stability: After separation from cells: Ambient: 2 hours; Refrigerated: 1 week; Frozen: 1 month  
82010

CPT Code(s):

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**2003466** **BF-1 by Immunohistochemistry** **BF1 IHC**  
**Methodology:** Immunohistochemistry  
**Specimen Required:** Collect: Tissue or cells.  
Specimen Preparation: Formalin fix (10% neutral buffered formalin is preferred) and paraffin embed specimen (Cells must be prepared into a cellblock). If sending precut slides, do not oven bake. Protect paraffin block and/or slides from excessive heat. Ship in cooled container during summer months.  
Storage/Transport Temperature: Room temperature or refrigerated.  
Remarks: **IMMUNOHISTOCHEMISTRY ORDERING AND SUBMISSION DETAILS:** Submit electronic request. If you do not have electronic ordering capability, use an ARUP Immunohistochemistry Stain Form (#32978) with an ARUP client number. For additional technical details, please contact ARUP Client Services.  
Unacceptable Conditions: Depleted specimens. Specimens submitted with non-representative tissue type.  
Stability: Ambient: Indefinite; Refrigerated: Indefinite; Frozen: Indefinite  
CPT Code(s): 88342

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**0020245** **Bicarbonate (HCO<sub>3</sub>), Urine** **BICARB**  
**Methodology:** Enzymatic  
**Specimen Required:** Collect: Random urine in sealed container.  
Specimen Preparation: Immediately upon collection, mix and transfer 4 mL urine to an ARUP Standard Transport Tube. (Min: 0.3 mL) Do not expose to air.  
Storage/Transport Temperature: **CRITICAL FROZEN. Separate specimens must be submitted when multiple tests are ordered.**  
Unacceptable Conditions: Room temperature or refrigerated specimens.  
Stability: Ambient: Unacceptable; Refrigerated: Unacceptable; Frozen: 1 month (unstable if thawed and refrozen)  
CPT Code(s): 82374

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**0092610** **Bile Acids, Fractionated & Total by LC-MS/MS** **BILE ACIDS**  
**Methodology:** Quantitative High Performance Liquid Chromatography-Tandem Mass Spectrometry  
**Specimen Required:** Patient Preparation: Patient should fast for a minimum of eight hours prior to specimen collection.  
Collect: Plain red or serum separator tube.  
Specimen Preparation: After clot formation, centrifuge specimen and pour off serum into a transport tube. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.2 mL)  
Storage/Transport Temperature: Refrigerated. Store specimen refrigerated or frozen.  
Stability: Ambient: 8 hours; Refrigerated: 2 weeks; Frozen: 6 months  
CPT Code(s): 83789

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**0070189** **Bile Acids, Total** **BILE AC**  
**Methodology:** Quantitative Enzymatic  
**Specimen Required:** Patient Preparation: Patient should fast for 8 hours prior to collection.  
Collect: Serum separator tube.  
Specimen Preparation: Allow specimen to clot completely at room temperature before centrifugation. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Body fluids. Heparinized specimens. Hemolyzed specimens.  
Stability: After separation from cells: Ambient: 8 hours; Refrigerated: 2 weeks; Frozen: 6 months  
CPT Code(s): 82239

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**2005248** **Bilirubin, CSF** **BILCSF**  
**Methodology:** Quantitative Spectrophotometry  
**Specimen Required:** Collect: CSF. Collect at least 12 hours after suspected hemorrhage. Use the last (ideally the fourth) specimen post lumbar puncture. **AND** serum separator tube.  
Specimen Preparation: **CSF:** Transport to local lab quickly and avoid pneumatic tube transport if possible. Protect from light during collection, storage and shipment. Centrifuge for 5 minutes ASAP or within 1 hour of collection. Transfer 2 mL CSF to an ARUP Amber Transport Tube. (Min: 1 mL) Do not freeze.  
**Serum:** Protect from light during collection, storage and shipment. Allow specimen to clot completely at room temperature. Separate from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Amber Transport Tube. (Min: 0.5 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Specimens not protected from light. Frozen CSF.  
Stability: **CSF:** Ambient: 4 hours; Refrigerated: 1 week; Frozen: Unacceptable  
**Serum:** Ambient: 4 hours; Refrigerated: 1 week; Frozen: 6 months  
CPT Code(s): 84311 Net absorbance, Bilirubin, CSF; 84311 Net absorbance, Oxyhemoglobin, CSF; 82247 Total serum bilirubin

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**0020426** **Bilirubin, Direct & Total, Serum or Plasma** **BILI**  
**Methodology:** Quantitative Spectrophotometry  
**Specimen Required:** Collect: Plasma separator tube or serum separator tube.  
Specimen Preparation: Protect from light during collection, storage, and shipment. Allow serum tube to clot completely at room temperature. Separate serum or plasma from cells within 2 hours of collection. Transfer 1 mL serum or plasma to an ARUP Amber Transport Tube. (Min: 0.2 mL)  
Storage/Transport Temperature: Refrigerated.  
Stability: After separation from cells if protected from light: Ambient: 4 hours; Refrigerated: 1 week; Frozen: 6 months  
CPT Code(s): 82247 Total bilirubin; 82248 Direct bilirubin

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**0020033** **Bilirubin, Direct, Serum or Plasma** **BILID**  
**Methodology:** Quantitative Spectrophotometry  
**Specimen Required:** Collect: Plasma separator tube or serum separator tube.  
Specimen Preparation: Protect from light during collection, shipment and storage. Allow serum tube to clot completely at room

temperature. Separate serum or plasma from cells within 2 hours of collection. Transfer 1 mL serum or plasma to an ARUP Amber Transport Tube. (Min: 0.2 mL)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed specimens.

Stability: After separation from cells if protected from light: Ambient: 4 hours; Refrigerated: 1 week; Frozen: 6 months

CPT Code(s): 82248

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**0020510 Bilirubin, Total, Body Fluid TBILI-FL**  
**Methodology:** Quantitative Spectrophotometry  
**Specimen Required:** Collect: Body fluid.  
Specimen Preparation: Protect from light during collection, storage, and shipment. Transfer 0.5 mL body fluid to an ARUP Amber Transport Tube. (Min: 0.2 mL)  
Storage/Transport Temperature: Refrigerated  
Remarks: Specimen source required.  
Unacceptable Conditions: Amniotic fluid, (refer to Amniotic Bilirubin Scan, ARUP test code 0080276) or CSF (refer to Bilirubin, CSF, ARUP test code 2005248).  
Stability: If protected from light: Ambient: 4 hours; Refrigerated: 1 week; Frozen: 6 months  
CPT Code(s): 82247

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**0020114 Bilirubin, Total (Neonatal), Plasma or Serum BILIN**  
**Methodology:** Spectrophotometry  
**Specimen Required:** Collect: Green (sodium or lithium heparin) pediatric tube. Also acceptable: Serum separator tube.  
Specimen Preparation: Protect from light during collection, storage, and shipment. Transfer 0.8 mL serum or plasma to an ARUP Amber Transport Tube. (Min: 0.2 mL)  
Storage/Transport Temperature: Refrigerated.  
Stability: After separation from cells: Ambient: 4 hours; Refrigerated: 1 week; Frozen: 6 months (if protected from light)  
CPT Code(s): 82247

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**0020032 Bilirubin, Total, Serum or Plasma BILIT**  
**Methodology:** Spectrophotometry  
**Specimen Required:** Collect: Plasma separator tube or serum separator tube. Also acceptable: Lavender (EDTA), pink (K<sub>2</sub>EDTA) or green (sodium or lithium heparin).  
Specimen Preparation: Protect from light during collection, storage and shipment. Allow serum tube to clot completely at room temperature. Separate serum or plasma from cells within 2 hours of collection. Transfer 1 mL serum or plasma to an ARUP Amber Transport Tube. (Min: 0.2 mL)  
Storage/Transport Temperature: Refrigerated.  
Stability: After separation from cells if protected from light: Ambient: 4 hours; Refrigerated: 1 week; Frozen: 6 months  
CPT Code(s): 82247

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**0051700 Biotinidase Deficiency (BTD) 5 Mutations BTD MUT**  
**Methodology:** Polymerase Chain Reaction/Capillary Electrophoresis  
**Specimen Required:** Collect: Lavender (EDTA), pink (K<sub>2</sub>EDTA), or yellow (ACD solution A or B).  
Specimen Preparation: Transport 3 mL whole blood. (Min: 1 mL)  
Storage/Transport Temperature: Refrigerated.  
Stability: Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable  
CPT Code(s): 83891 Isolation; 83900 Multiplex amplification; 83901 x2 Additional amplification; 83914 x5 Extension; 83909 Capillary electrophoresis; 83912 Interpretation and report - Additional CPT code modifiers may be required for procedures performed to test for oncologic or inherited disorders.

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**0051730 Biotinidase Deficiency (BTD) Sequencing BTD FGS**  
**Methodology:** Polymerase Chain Reaction/Sequencing  
**Specimen Required:** Collect: Lavender (EDTA), pink (K<sub>2</sub>EDTA), or yellow (ACD Solution A or B).  
Specimen Preparation: Transport 3 mL whole blood. (Min: 1 mL)  
Storage/Transport Temperature: Refrigerated.  
Stability: Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable  
CPT Code(s): 83891 Isolation; 83898 x6 Amplification; 83904 x6 Sequencing; 83909 Capillary electrophoresis; 83912 Interpretation and report.

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**0093362 Biotinidase, Serum (with Paired Normal Control) BTD ENZ**  
**Methodology:** Spectrophotometry  
**Specimen Required:** Patient Preparation: A control specimen needs to be sent with the patient specimen. The control specimen needs to be drawn from a normal, healthy individual who is not biologically related to the patient. Collect control specimen within 30 minutes of patient specimen.  
Collect: Plain red or serum separator tube (patient) **AND** plain red serum separator tube (control).  
Specimen Preparation: Separate serum from cells and freeze ASAP or within 2 hours of collection. Transfer 2 mL serum (patient) **AND** 2 mL serum (control) to individual ARUP Standard Transport Tubes. (Min: 0.2 mL (patient) **AND** 0.2 mL (control)). Label control tube as "Control for [patient name]".  
Storage/Transport Temperature: **CRITICAL FROZEN. Separate specimens must be submitted when multiple tests are ordered.**  
Ship patient and control specimens together.  
Unacceptable Conditions: Refrigerated or room temperature specimens. Specimens subjected to more than one freeze/thaw cycle.  
Stability: After separation from cells: Ambient: 1 hour; Refrigerated: 1 hour; Frozen: 1 month  
CPT Code(s): 82261

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**0055691 BIRC2-MALT1 (API2-MALT1) Translocation, t(11;18) by RT-PCR API2-MLT1**  
**Methodology:** Reverse Transcription Polymerase Chain Reaction  
**Specimen Required:** Collect: Tissue.  
Specimen Preparation: Freeze fresh tissue immediately. Transport 100 mg or 0.5 cm<sup>3</sup> tissue.  
**OR** Formalin fix (10% neutral buffered formalin) and paraffin embed tissue. Transport tissue block or 4 tissue scrolls (tissue shavings), 10 microns thick. Protect paraffin block from excessive heat.  
Storage/Transport Temperature: **Fresh tissue:** Frozen at -70°C.