



**ARUP Laboratories Minimum Volume Update
Effective November 16, 2009**

Effective November 16, 2009, the minimum volumes for pediatric specimens (Pediatric Collect/Transport) will be eliminated. Instead, minimum volumes for collection and transport for all specimens will be defined. One defined minimum will eliminate the confusion of handling two separate minimum volume standards.

The new published minimum volume is defined as: The specimen amount required for the laboratory to perform one complete run (or algorithm) of the requested test or panel. As always, ARUP recommends submitting the published specimen volume for test repeats or add-ons.

For tests that have specific pediatric instructions, that information will be published in the Collect or Remarks field.

Below is a list of tests affected by the removal of the Pediatric Collect/Transport field.

Test Number	Test Name	New Minimum Volume
0020544	Acid Phosphatase, Total, Serum	0.5 mL
0070480	Aldosterone, Urine	0.5 mL
0070073	Aldosterone/Renin Activity Ratio	0.5 mL serum and 0.6 mL plasma
0081208	Alpha Fetoprotein, Total & L3 Percent	0.5 mL
0051256	Alpha-1-Antitrypsin & A1A Genotype with Reflex to Phenotype	0.2 mL serum or plasma and 1 mL whole blood
0080103	Aminolevulinic Acid (ALA), Urine	1.2 mL
0090158	Amitriptyline & Nortriptyline by HPLC	0.5 mL
0050811	Anti-Neutrophil Cytoplasmic Antibody, IgG	0.15 mL
0010020	Antibody Screen RBC (Blood Bank)	3 mL whole blood (lavender, EDTA or pink, K ₂ EDTA - for Blood Bank)
0060204	Antimicrobial Susceptibility - Bactericidal Assay	1 mL
0050080	Anti-Nuclear Antibodies (ANA), IgG Screen with Reflex to IFA Titer	0.3 mL
0050317	Anti-Nuclear Antibody (ANA), IgG Screen with Reflex to ANA IFA Titer, dsDNA, RNP, Smith, SSA, & SSB Antibodies	0.6 mL
0070027	Arginine Vasopressin Hormone	1.1 mL
0090228	Arsenic, Nails	0.5 g
0055356	Autoimmune Hepatitis Panel with Reflex to ANA IFA Titer	1.0 mL
0020399	Basic Metabolic Panel	0.3 mL

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0055610	B-Cell & T-Cell Clonality Assessment by PCR, Fluid	1 mL whole blood or 1 mL bone marrow
0055612	B-Cell & T-Cell Comprehensive Clonality Assessment, Fluid	3 mL whole blood or 1 mL bone marrow
0055552	B-Cell Clonality Screening Assay by PCR, Fluid	1 mL whole blood or 1 mL bone marrow
0055557	<i>bcl-1/JH</i> , t(11;14) Translocation by PCR, Fluid	1 mL whole blood or 1 mL bone marrow
0055616	<i>bcl-2/JH</i> , t(14;18) Translocation by PCR, Fluid	1 mL whole blood or 1 mL bone marrow
0055553	<i>BCR-ABL</i> , t(9;22) Translocation Qualitative by RT-PCR	1 mL whole blood or 1 mL bone marrow
0050161	Bence Jones Protein, Qualitative Free Kappa & Lambda Light Chains, Urine	3.0 mL
0050618	Bence Jones Protein, Quantitative Free Kappa & Lambda Light Chains, Urine	3.0 mL
0093362	Biotinidase, Serum (with paired normal control)	0.2 mL
0060102	Blood Culture	Refer to Remarks
0060104	Bone Marrow Culture	Refer to Remarks
0055570	<i>Borrelia</i> species DNA Detection by PCR (Lyme Disease)	0.5 mL
0060159	<i>Brucella</i> Culture	Refer to Remarks
0050140	C1-Esterase Inhibitor	0.4 mL
0050301	C1Q Binding Assay	0.3 mL
0080461	Cancer Antigen-GI (CA 19-9)	0.5 mL
0060098	<i>Candida</i> Antigen	0.5 mL
0099344	Cardiolipin Antibodies, IgG & IgM	0.3 mL
0051162	Cardiolipin Antibodies, IgG, IgM, & IgA	0.3 mL
0098358	Cardiolipin Antibody, IgA	0.3 mL
0050901	Cardiolipin Antibody, IgG	0.3 mL
0050902	Cardiolipin Antibody, IgM	0.3 mL
0080055	Carotene, Serum Total	1.1 mL
0080957	Catecholamines Fractionated (Epinephrine, Norepinephrine), Plasma	2.1 mL
0080216	Catecholamines Fractionated, Plasma	2.1 mL
0051689	Celiac Disease Dual Antigen Screen	0.3 mL
0051065	Celiac Disease Reflexive Panel	1.0 mL
0050714	Centromere Antibody, IgG	0.25 mL
0060715	<i>Chlamydia pneumoniae</i> by PCR	0.5 mL
0060850	<i>Chlamydia trachomatis</i> Culture	Refer to Remarks

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0020003	Chloride, Serum or Plasma	0.2 mL
0090055	Clonazepam	0.5 mL
0090196	Clorazepate (Assayed as Nordiazepam)	0.5 mL
0060140	Clostridium difficile Culture with reflex to Cytotoxin Cell Assay	Refer to Remarks
0050198	Complement Activity Enzyme Immunoassay, Total	0.3 mL
0050148	Complement Component 2	0.3 mL
0050156	Complement Component 5	0.3 mL
0051720	Complement Factor B	0.3 mL
0051668	Connective Tissue Diseases Profile	0.3 mL
0060055	Coxsackie B Virus Antibodies	0.3 mL
0020414	Creatine Kinase Isoenzymes	0.5 mL
0050185	Cryoglobulin, Qualitative	1 mL
0050195	<i>Cryptococcus</i> Antigen, CSF	0.25 mL
0050196	<i>Cryptococcus</i> Antigen, Serum	0.25 mL
0060040	Cytomegalovirus by PCR	0.5 mL
0060031	Cytomegalovirus by PCR, Whole Blood or Bone Marrow	3 mL whole blood or 0.5 mL bone marrow
0050595	Diphtheria & Tetanus Antibodies, IgG	0.15 mL
0050210	Diphtheria Antibody, IgG	0.15 mL
0050779	Diphtheria, Tetanus, and <i>H. Influenzae b</i> Antibodies, IgG	0.45 mL
0050220	DNase-B Antibody	0.4 mL
0090102	Doxepin & Metabolite	0.5 mL
0090366	Drugs of Abuse Confirmation/Quantitation - Phencyclidine (PCP) - Urine	2.0 mL
0092280	Drugs of Abuse Test, Alcohol, Urine - Screen with Reflex to Confirmation/Quantitation	2.0 mL
0050215	dsDNA (Double Stranded DNA) Antibody, IgG	0.3 mL
0055346	E2A-PBX1, t(1;19) Translocation by RT-PCR	1 mL whole blood or 1 mL bone marrow
0060053	Echovirus Antibodies	0.3 mL
0050249	Enterovirus Detection by RT-PCR	0.5 mL
0050246	Epstein-Barr Virus by PCR	0.5 mL

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0049050	Esterase Stain, Nonspecific	Peripheral Blood: 1 mL whole blood (EDTA or green, heparin) and six well-prepared unfixed smears. Bone Marrow: 0.5 to 1 mL heparinized aspirate and six well-prepared unfixed smears.
0049055	Esterase Stain, Specific	Peripheral Blood: 1 mL whole blood (EDTA or green heparin) and six well-prepared unfixed smears. Bone Marrow: 0.5 to 1 mL heparinized aspirate and six well-prepared unfixed smears. Paraffin: block or four unstained paraffin slides cut at 4 microns.
0090221	Ethotoin	0.6 mL
0090110	Ethylene Glycol	0.5 mL
0050653	Extractable Nuclear Antigen Antibodies (RNP, Smith, Scleroderma, SSA, & SSB)	0.3 mL
0050652	Extractable Nuclear Antigen Antibodies (RNP, Smith, SSA, & SSB)	0.3 mL
0050791	Extractable Nuclear Antigen Antibodies (SSA & SSB)	0.3 mL
0051724	F-Actin (Smooth Muscle) Antibody, IgA	0.3 mL
0055248	F-Actin (Smooth Muscle) Antibody, IgG	0.3 mL
0051174	F-Actin (Smooth Muscle) Antibody, IgG by ELISA with Reflex to Smooth Muscle Antibody, IgG Titer	0.25 mL
0080120	Fatty Acids, Free	0.2 mL
0030137	Fibrinogen Panel	1.5 mL
0090450	Fluoxetine & Metabolite	0.8 mL
0090057	Gabapentin	0.5 mL
0020009	Gamma Glutamyl Transferase, Serum or Plasma	0.2 mL
0051033	Ganglioside (asialo-GM1, GM1, GM2, GD1a, GD1b, & GQ1b) Antibody, IgG/IgM	0.1 mL
0051000	Glomerular Basement Membrane Antibody, IgG by Multi-Analyte Fluorescent Detection	0.15 mL
0051001	Glomerular Basement Membrane Antibody Panel	0.5 mL per aliquot

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0050591	GM1 Antibody Panel	0.1 mL
0051636	gp210 & sp100 Antibodies, IgG	0.1 mL
0051621	gp210 Antibody, IgG	0.1 mL
0050542	<i>Haemophilus influenzae b</i> Antibody, IgG	0.15 mL
0050280	Haptoglobin	0.5 mL
0097338	Heat Shock Protein 70 (68 kDa), IgG by Western blot	0.1 mL
0049090	Heinz Body Stain	2 mL
0065147	<i>Helicobacter pylori</i> Antigen, Stool	1 g
0040080	Hematocrit	0.25 mL of thoroughly mixed whole blood
0050613	Hemoglobin (Hb) A2 & F by Column	0.2 mL
0050610	Hemoglobin Evaluation with Reflex to Electrophoresis and/or RBC Solubility	0.2 mL
0081348	Hemoglobin F	0.2 mL
0020058	Hemoglobin, Plasma	0.7 mL
0050520	Hemoglobin S, Evaluation with reflex to RBC Solubility	0.2 mL
0020057	Hemoglobin, Serum	0.7 mL
0049020	Hemoglobin, Unstable	2 mL
0020221	Hemoglobin, Urine	0.7 mL
0020416	Hepatic Function Panel	0.3 mL
0051628	Hepatitis C Qualitative	300 uL
0051630	Hepatitis C Virus RNA Quantitative bDNA	75 uL
0051306	Hepatitis C Virus RNA Quantitative bDNA with Reflex to Genotype	700 uL
0051632	Hepatitis C Virus RNA Quantitative Real-Time PCR	300 uL
0055604	Hepatitis C Virus RNA Quantitative Real-Time PCR with Reflex to Genotype	1.0 mL
0060041	Herpes Simplex Virus by PCR	0.5 mL
0060071	Herpesvirus 6 (HHV6) (A&B), Quantitative PCR	0.5 mL
0050860	Histone Antibody, IgG	0.3 mL
0096046	HLA-A & B Oligotyping	3 mL
0056019	HLA-A Sequence-Based Typing	1.5 mL
0056018	HLA-ABC Sequence-Based Typing	1.5 mL
0095859	HLA Antibody Detection Assay	2 mL
0056020	HLA-B Sequence-Based Typing	1.5 mL
0095844	HLA Bone Marrow Transplantation Evaluation	5 mL
0095715	HLA-C Oligotyping	3 mL

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0056021	HLA-C Sequence-Based Typing	1.5 mL
0095845	HLA-DQ Oligotyping	3 mL
0098580	HLA DR Oligotyping	3 mL
0099869	Homocysteine, Total	0.5 mL
0080422	Homovanillic Acid (HVA), Urine	1.0 mL
0051154	Human Immunodeficiency Virus 1 Antibody with Reflex to Confirmation by Western Blot	0.5 mL
0051664	Human Immunodeficiency Virus 1 RNA Quantitative bDNA with Reflex to Human Immunodeficiency Virus 1 Genotyping	4 mL
0051160	Human Immunodeficiency Virus 1,2 Combined Antibodies with Reflex to HIV-1 Confirmation by Western Blot	0.5 mL
0051250	Human Immunodeficiency Virus 2 Antibody with Reflex to Confirmation	0.5 mL
0060784	Human Metapneumovirus by RT-PCR	0.5 mL
0051164	Human T-Lymphotropic Virus Types I/II Antibodies with Reflex to HTLV I/II Confirmation	0.1 mL
0050980	Humoral Immunity Panel I	0.1 mL per aliquot
0050981	Humoral Immunity Panel II	0.1 mL per aliquot
0080420	5-Hydroxyindoleacetic Acid (HIAA), Urine	0.1 mL
0050157	Hypersensitivity Pneumonitis Extended Panel (Farmer's Lung Panel)	1 mL
0055076	Hypersensitivity Pneumonitis I	0.15 mL
0055226	Hypersensitivity Pneumonitis II	0.15 mL
0093482	Hypertrophic Cardiomyopathy, Familial Mutation	3-5 mL
0090157	Imipramine & Desipramine by HPLC	0.5 mL
0050272	Immunofixation Electrophoresis Gel	0.3 mL
0050049	Immunofixation Electrophoresis, Immunoglobulin D & Immunoglobulin E, Serum	0.3 mL
0050676	Immunoglobulin G, CSF Index	0.4 mL CSF and 0.4 mL serum
0050567	Inflammatory Bowel Disease Differentiation Profile	0.6 mL
0020175	Insecticide Exposure Panel	2 mL
0070063	Insulin, Fasting	0.5 mL
0070066	Insulin, 60 Minutes	0.5 mL
0070067	Insulin, 90 Minutes	0.5 mL
0070068	Insulin, 120 Minutes	0.5 mL
0070107	Insulin, Random	0.5 mL

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0070690	Insulin, Veterinary	0.5 mL
0070210	Intrinsic Factor Blocking Antibody	0.15 mL
0050138	Islet Cell Antibody, IgG	0.15 mL
0051245	<i>JAK2</i> Gene, V617F Mutation, Qualitative	1 mL whole blood or 1 mL bone marrow
0099592	Jo-1 Antibody, IgG	0.2 mL
0020413	Lactate Dehydrogenase, Isoenzymes	0.6 mL
0020257	LDL Cholesterol, Direct	0.5 mL
0050021	LDL Subclasses	0.2 mL
0020745	Lead, Blood (Capillary)	0.3 mL
0020098	Lead, Blood (Venous)	0.5 mL
0025016	Lead, Industrial Exposure Panel, Adults	2 mL
0090338	Lead, Nails	0.5 g
0056105	<i>Legionella</i> Species by PCR	1 mL
0080301	Leucine Aminopeptidase (LAP), Serum	0.5 mL
0049000	Leukocyte Alkaline Phosphatase	1 mL whole blood and six well-prepared unfixed smears
0099174	Lipoprotein (a)	0.5 mL
0099270	Liver-Kidney Microsome Antibody, IgG	0.15 mL
0093420	Lymphocyte Subsets Panel 4 - T-Cell Subsets Percents & Ratio, Bronchoalveolar Lavage	3.0 mL
0050367	Lysozyme, Serum or Body Fluid	0.4 mL
0020039	Magnesium, Plasma or Serum	0.5 mL
0020226	Melanin, Urine	1 mL
0093019	Mitochondrial DNA (mtDNA), Whole Genome Scanning and Identification (Mito-ScanGx™)	5-6 mL
0050707	MPO/PR-3 (ANCA) Antibodies	0.2 mL
0090213	Mycophenolic Acid	0.6 mL
0051285	Myelin Associated Glycoprotein (MAG) Antibody, IgM	0.1 mL
0080515	Myelin Basic Protein	0.3 mL
0050526	Myeloperoxidase Antibody	0.2 mL

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0049030	Myeloperoxidase Stain	Peripheral Blood: 1 mL whole blood (EDTA or green heparin) and six well-prepared unfixed smears. Bone Marrow: 0.5 to 1 mL heparinized aspirate and six well-prepared unfixed smears.
0050742	Myocardial Antibody, IgG with Reflex to Titer	0.15 mL
0095835	Narcolepsy - HLA DNA Panel	3 mL
0092404	Natural Killer Cell Enumeration	0.5 mL
0050904	Neuronal Nuclear Antibody (ANNA) IgG by IFA with Reflex to Titer & Immunoblot, Serum	0.15 mL
0050912	Neuronal Nuclear Antibody (ANNA) Titer IgG by IFA, Serum	0.15 mL
0095921	Neutrophil Receptor Profile	1 mL patient whole blood and 1 mL control whole blood
0051281	Norovirus Group 1 & 2 Detection by RT-PCR	0.5 mL
0040174	<i>NPM1</i> Mutation by PCR and Fragment Analysis, Fluid	1 mL whole blood or 1 mL bone marrow
0070500	N-Telopeptide, Cross-Linked, Serum	0.20 mL
0080235	5'Nucleotidase	0.2 mL
0049015	Osmotic Fragility, Erythrocyte	1 mL whole blood and two well-prepared unfixed smears
0020482	Oxalate, Urine	1.5 mL
0050596	Parietal Cell Antibody, IgG	0.15 mL
0060043	Parvovirus B 19, by PCR	0.5 mL
0060028	Parvovirus B 19, by PCR, Bone Marrow	0.5 mL

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0049045	Periodic Acid Schiff Stain	Peripheral Blood: 1 mL whole blood (lavender, EDTA) and six unfixed smears, or 1 mL whole blood (green, heparin) and six well-prepared unfixed smears. Bone Marrow: 1 mL heparinized aspirate and 6 well-prepared unfixed smears. Paraffin: block or four unstained paraffin slides cut at 4 microns.
0099985	Perphenazine	1 mL
0051590	Phosphatidylcholine Antibodies, IgG, IgM & IgA	0.3 mL
0051622	Phosphatidylethanolamine Antibodies, IgG, IgM & IgA	0.3 mL
0051623	Phosphatidylglycerol Antibodies, IgG, IgM & IgA	0.3 mL
0051624	Phosphatidylinositol Antibodies, IgG, IgM & IgA	0.3 mL
0030190	Plasminogen Activity	1 mL
0040235	Platelets	0.25 mL of thoroughly mixed whole blood
0056100	PML/RARa t(15;17) Translocation by RT-PCR	1 mL whole blood or 1 mL bone marrow
0060054	Poliovirus Antibodies	0.3 mL
0080260	Porphobilinogen (PBG), Urine	3.5 mL
0080305	Porphyrins & Porphobilinogen (PBG), Urine	4.0 mL
0090672	Prazepam (Assayed as Nordiazepam)	0.5 mL
0050435	Prealbumin, Serum	0.5 mL
0020502	Protein, Total, Body Fluid	0.2 mL
0051302	Prothrombin Antibody, IgG	0.1 mL
0051303	Prothrombin Antibody, IgM	0.1 mL
0090106	Protriptyline	0.5 mL
0020167	Pseudocholinesterase, Total	0.1 mL
0020159	Pseudocholinesterase, Dibucaine Inhibition	0.25 mL
0040270	Red Blood Cell Count	0.25 mL of thoroughly mixed whole blood
0020144	Renal Function Panel	0.4 mL
0060764	Respiratory Virus Mini Panel by RT-PCR	0.5 mL
0050698	Reticulin Antibody, IgA with Reflex to Titer	0.15 mL

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0050465	Rheumatoid Factor	0.5 mL
0050470	RNP (U1) (Ribonucleic Protein) (ENA) Antibody, IgG	0.2 mL
0050564	<i>Saccharomyces cerevisiae</i> Antibodies, IgG & IgA	0.3 mL
0050599	Scleroderma (Scl-70) (ENA) Antibody, IgG	0.2 mL
0050527	Serine Protease 3 Antibody	0.2 mL
0080397	Serotonin, Serum	0.3 mL
0080395	Serotonin, Whole Blood	1 mL
0049180	Sezary Cell Exam	1 mL whole blood and six well-prepared unfixed smears
0050085	Smith (ENA) Antibody, IgG	0.2 mL
0020851	Sodium, Urine	0.2 mL
0055235	Soluble Liver Antigen Antibody, IgG	0.3 mL
0051625	sp100 Antibody, IgG	0.1 mL
0020304	Specific Gravity, Urine	1.0 mL
0050691	SSA (Ro) (ENA) Antibody, IgG	0.2 mL
0050692	SSB (La) (ENA) Antibody, IgG	0.2 mL
0099528	ssDNA Antibody, IgG	0.1 mL
0050725	<i>Streptococcus pneumoniae</i> Antibodies, IgG (14 serotypes)	0.25 mL
0050746	Striated Muscle Antibody, IgG with Reflex to Titer	0.15 mL
0049040	Sudan Black B Stain	Peripheral Blood: 1 mL whole blood (EDTA) and six well-prepared unfixed smears or 1 mL whole blood (green, heparin) and six well-prepared unfixed smears. Bone Marrow: 1 mL heparinized aspirate and 6 well-prepared unfixed smears.
0049005	Sugar Water Test	2 mL
0051284	Sulfate-3-Glucuronyl Paragloboside (SGPG) Antibody, IgM	0.1 mL
0055596	T-Cell Clonality Assessment by Restriction Fragment-Southern Blot Hybridization, Fluid	3 mL whole blood or 1 mL bone marrow
0055567	T-Cell Clonality Screening Assay by PCR, Fluid	1 mL whole blood or 1 mL bone marrow

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0049060	Tartrate Resistant Acid Phosphatase Stain	Peripheral Blood: 1 mL whole blood (EDTA or green, heparin) and six well-prepared unfixed smears. Bone Marrow: 1 mL heparinized aspirate and six well-prepared unfixed smears.
0056008	TEL-AML1, t(12;21) Translocation by RT-PCR	1 mL whole blood or 1 mL bone marrow
0050535	Tetanus Antibody, IgG	0.2 mL
0090064	Thiocyanate, 24-Hour Urine	2 mL
0090063	Thiocyanate, Random Urine	2 mL
0092066	Thiopurine Methyltransferase, RBC	3 mL
0050734	Tissue Transglutaminase Antibody, IgA with Reflex to Endomysial Antibody, IgA Titer by IFA	0.3 mL
0097709	Tissue Transglutaminase Antibody, IgA	0.3 mL
0055591	<i>Toxoplasma gondii</i> by PCR	0.5 mL
0050570	Transferrin, Serum	0.5 mL
0090316	Trazodone	0.5 mL
0020040	Triglycerides, Plasma or Serum	0.2 mL
0010847	Type & Crossmatch	3 mL
0020023	Urea Nitrogen, Serum or Plasma	0.2 mL
0020480	Urea Nitrogen, Urine	0.2 mL
0020481	Uric Acid, Urine	0.2 mL
0020513	Uric Acid, Body Fluid	0.2 mL
0081145	Urine Supersaturation Profile	Four 3 mL aliquots
0080470	Vanillylmandelic Acid (VMA) & Homovanillic Acid (HVA), Urine	1.0 mL
0080421	Vanillylmandelic Acid (VMA), Urine	1.0 mL
0060042	Varicella-Zoster Virus by PCR	0.5 mL
0020056	Viscosity, Serum	0.6 mL
0020054	Viscosity, Whole Blood	0.6 mL
0080525	Vitamin A (Retinol), Serum or Plasma	0.2 mL
0080389	Vitamin B1 (Thiamine), Plasma	0.2 mL
0080388	Vitamin B1 (Thiamine), Whole Blood	0.6 mL
0080380	Vitamin C, Plasma	1.3 mL
0070277	Vitamin D, 25-Hydroxy by RIA	0.2 mL

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0099225	Vitamin K1, Serum	1.1 mL
0050229	West Nile Virus RNA by RT-PCR	0.5 mL
0040320	White Blood Cell Count	0.25 mL of thoroughly mixed whole blood
0020615	Xylose Absorption Test (Adult - 5g dose)	Refer to Remarks
0020609	Xylose Absorption Test (Adult - 25 g dose)	Refer to Remarks
0020614	Zinc Protoporphyrin (ZPP), Whole Blood Industrial	0.2 mL

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0051077	Adenovirus Antibodies, IgG & IgM	0.05 mL
0051073	Adenovirus Antibody, IgG	0.05 mL
0051078	Adenovirus Antibody, IgM	0.05 mL
0097303	<i>Anaplasma Phagocytophilum</i> (HGA) Antibodies, IgG & IgM	0.05 mL
0097317	<i>Anaplasma phagocytophilum</i> (HGA) Antibody, IgG	0.05 mL
0097318	<i>Anaplasma phagocytophilum</i> (HGA) Antibody, IgM	0.05 mL
2001593	Arbovirus Antibodies, IgG, Serum	0.05 mL
0050101	<i>Aspergillus</i> Antibodies by CF & ID	0.2 mL
0050100	<i>Aspergillus</i> Antibody by CF	0.15 mL
0050171	<i>Aspergillus</i> Antibody by ID	0.15 mL
0097771	<i>Aspergillus fumigatus</i> Antibody, IgG by ELISA	0.05 mL
0093048	<i>Babesia microti</i> Antibodies, IgG & IgM by IFA	0.1 mL
0093049	<i>Babesia microti</i> Antibody, IgG by IFA	0.05 mL
0093050	<i>Babesia microti</i> Antibody, IgM by IFA	0.05 mL
0050108	<i>Bartonella henselae</i> (Cat Scratch) Antibodies, IgG & IgM by IFA	0.15 mL
0050091	<i>Bartonella henselae</i> Antibody, IgG by IFA	0.15 mL
0050092	<i>Bartonella henselae</i> Antibody, IgM by IFA	0.15 mL
0050106	<i>Bartonella quintana</i> Antibodies, IgG & IgM by IFA	0.15 mL
0050094	<i>Bartonella quintana</i> Antibody, IgG by IFA	0.15 mL
0050093	<i>Bartonella quintana</i> Antibody, IgM by IFA	0.15 mL
0050321	Beta-2 Glycoprotein 1 Antibodies, IgG & IgM	0.3 mL
0050324	Beta-2 Glycoprotein 1 Antibody, IgA	0.15 mL
0050626	<i>Blastomyces</i> Antibodies by CF & ID	0.25 mL
0050130	<i>Blastomyces</i> Antibody by CF	0.15 mL
0050172	<i>Blastomyces</i> Antibody by ID	0.1 mL
0050254	<i>Borrelia burgdorferi</i> Antibodies, IgG & IgM by Western Blot	0.1 mL
0050216	<i>Borrelia burgdorferi</i> Antibodies, Total by ELISA	0.1 mL

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0050267	<i>Borrelia burgdorferi</i> Antibodies, Total by ELISA with Reflex to IgG & IgM by Western Blot (Early Disease)	0.1 mL
0050255	<i>Borrelia burgdorferi</i> Antibody, IgG by Western Blot	0.1 mL
0050253	<i>Borrelia burgdorferi</i> Antibody, IgM by Western Blot	0.1 mL
0051044	<i>Borrelia burgdorferi</i> C6 Peptide Antibodies, Total by ELISA	0.1 mL
0051046	<i>Borrelia burgdorferi</i> C6 Peptide Antibodies, Total by ELISA (CSF)	0.3 mL
0051043	<i>Borrelia burgdorferi</i> C6 Peptide Antibodies, Total by ELISA with Reflex to IgG & IgM by Western Blot	0.1 mL
0050268	<i>Borrelia burgdorferi</i> Total Antibodies, IgG and/or IgM by ELISA with Reflex to IgG by Western Blot (Late Disease)	0.1 mL
0050135	<i>Brucella</i> Antibody	0.25 mL
0098893	California Encephalitis Antibody, IgG by IFA, CSF	0.15 mL
0050508	California Encephalitis Antibody, IgG by IFA, Serum	0.05 mL
0098898	California Encephalitis Antibody, IgM by IFA, CSF	0.15 mL
0098731	California Encephalitis Antibody, IgM by IFA, Serum	0.15 mL
0095200	<i>Candida albicans</i> Antibodies, IgA, IgG, & IgM by ELISA	0.1 mL
0055565	<i>Candida</i> Antibody by ID	0.15 mL
0065139	<i>Chlamydia</i> Antibody Panel, IgG by IFA	0.15 mL
0065100	<i>Chlamydia</i> Antibody Panel, IgG & IgM by IFA	0.15 mL
0065105	<i>Chlamydia</i> Antibody Panel, IgM by IFA	0.15 mL
0050137	<i>Coccidioides</i> Antibodies, IgG & IgM by ELISA	0.15 mL
0050710	<i>Coccidioides</i> Antibodies Panel, CSF by CF, ID, ELISA	0.3 mL per aliquot
0050588	<i>Coccidioides</i> Antibodies Panel, Serum by CF, ID, ELISA	0.3 mL per aliquot
0050170	<i>Coccidioides</i> Antibody by CF	0.15 mL
0050183	<i>Coccidioides</i> Antibody by ID	0.15 mL
0050179	<i>Coccidioides</i> Antibody, IgG by ELISA	0.15 mL
0050178	<i>Coccidioides</i> Antibody, IgM by ELISA	0.15 mL
0097222	Cortisol Urine Free by LC-MS/MS	1.0 mL
0092100	Cortisol/Cortisone Urine Free by LC-MS/MS	1.0 mL
0050462	<i>Coxiella burnetii</i> (Q-Fever) Antibody IgG, Phase I & II by IFA	0.1 mL
0050463	<i>Coxiella burnetii</i> (Q-Fever) Antibody IgG, Phase I by IFA	0.1 mL
0050464	<i>Coxiella burnetii</i> (Q-Fever) Antibody IgG, Phase II by IFA	0.1 mL
0050503	Coxsackie A9 Virus Antibodies by CF	0.25 mL
0055256	Cyclic Citrullinated Peptide Antibody, IgG	0.2 mL
0055284	Cysticercosis Antibody, IgG by ELISA	0.1 mL
0055285	Cysticercosis Antibody, IgG by ELISA (CSF)	0.2 mL

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0055283	Cysticercosis Antibody, IgG by Western Blot	0.1 mL
0050553	Cytomegalovirus Antibody, IgM	0.1 mL
0051358	Deamidated Gliadin Peptide (DGP) Antibodies, IgA & IgG	0.3 mL
0051357	Deamidated Gliadin Peptide (DGP) Antibody, IgA	0.15 mL
0051359	Deamidated Gliadin Peptide (DGP) Antibody, IgG	0.15 mL
0093096	Dengue Fever Virus Antibodies, IgG & IgM	0.1 mL
0093097	Dengue Fever Virus Antibody, IgG	0.1 mL
0093098	Dengue Fever Virus Antibody, IgM	0.1 mL
0098896	Eastern Equine Encephalitis Antibody, IgG by IFA, CSF	0.15 mL
0050509	Eastern Equine Encephalitis Antibody, IgG by IFA, Serum	0.05 mL
0098729	Eastern Equine Encephalitis Antibody, IgM by IFA, CSF	0.15 mL
0098733	Eastern Equine Encephalitis Antibody, IgM by IFA, Serum	0.15 mL
0050250	<i>Echinococcus</i> Antibody, IgG, Serum by ELISA	0.1 mL
0051002	<i>Ehrlichia chaffeensis</i> Antibodies, IgG & IgM by IFA	0.05 mL
0051004	<i>Ehrlichia chaffeensis</i> Antibody, IgG by IFA	0.05 mL
0051003	<i>Ehrlichia chaffeensis</i> Antibody, IgM by IFA	0.05 mL
0050070	<i>Entamoeba histolytica</i> (amebiasis), Antibody, IgG	0.1 mL
0050600	Epstein-Barr Virus Antibody Panel I	0.1 mL
0050602	Epstein-Barr Virus Antibody Panel II	0.1 mL
0050245	Epstein-Barr Virus Antibody to Nuclear Antigen, IgG	0.1 mL
0050240	Epstein-Barr Virus Antibody to Viral Capsid Antigen, IgM	0.1 mL
0050225	Epstein-Barr Virus Antibody to Early D Antigen (EA-D), IgG	0.1 mL
0050235	Epstein-Barr Virus Antibody to Viral Capsid Antigen, IgG	0.1 mL
0051627	Epstein-Barr Virus Antibody to Viral Capsid Antigen, IgG & IgA	0.1 mL
0051626	Epstein-Barr Virus Antibody to Viral Capsid Antigen, IgA	0.1 mL
0092118	Everolimus (Certican™)	0.25 mL
0092305	<i>Francisella tularensis</i> Antibodies, Total	0.15 mL
0050750	Fungal Antibodies by CF, CSF	0.35 mL
0050605	Fungal Antibodies by CF, Serum	0.35 mL
0050164	Fungal Antibodies by ID	0.15 mL
0050994	<i>Helicobacter pylori</i> Antibodies, IgG & IgA	0.1 mL
0050995	<i>Helicobacter pylori</i> Antibody, IgA	0.1 mL
0099359	<i>Helicobacter pylori</i> Antibody, IgG	0.1 mL
0098392	<i>Helicobacter pylori</i> Antibody, IgM	0.1 mL
0056025	Hepatitis B Virus DNA Ultrasensitive Quantitative Real-Time PCR	0.25 mL

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0098264	Hepatitis C Virus RNA Qualitative PCR	0.25 mL
0051811	Hepatitis C Virus RNA Quantitative bDNA	0.1 mL
0098268	Hepatitis C Virus RNA Quantitative, Real-Time PCR	1.5 mL
0050459	Herpes Simplex Virus Type 1 & Type 2 Glycoprotein G-Specific Antibodies, IgG by Immunoblot (HerpeSelect®)	0.1 mL
0050641	Herpes Simplex Virus Type 1 and/or 2 Antibodies, IgM by ELISA	0.1 mL
0050292	Herpes Simplex Virus Type 1 Glycoprotein G-Specific Antibody, IgG by ELISA (HerpeSelect®)	0.1 mL
0050294	Herpes Simplex Virus Type 2 Glycoprotein G-Specific Antibody, IgG by ELISA (HerpeSelect®)	0.1 mL
0065288	Herpesvirus 6 (HHV-6) Antibody, IgG	0.1 mL
0050621	Heterophile Antibody by Latex Agglutination with Reflex to Titer	0.15 mL
0050625	<i>Histoplasma</i> Antibodies by CF	0.25 mL
0050627	<i>Histoplasma</i> Antibodies by CF & ID	0.25 mL
0050174	<i>Histoplasma</i> Antibody by ID	0.1 mL
0020466	Human Immunodeficiency Virus 1 RNA Quantitative bDNA	1.5 mL
0055598	Human Immunodeficiency Virus 1 RNA Quantitative Real-Time PCR	1.5 mL
0050385	Infectious Mononucleosis Slide Test by LA	0.1 mL
0051069	Influenza A & B Virus Antibodies, IgG & IgM	0.05 mL
0051074	Influenza A Virus Antibody, IgG	0.05 mL
0051081	Influenza A Virus Antibody, IgM	0.05 mL
0051080	Influenza B Virus Antibody, IgG	0.05 mL
0051079	Influenza B Virus Antibody, IgM	0.05 mL
0099230	Interleukin 2 by ELISA	0.3 mL
0050376	<i>Legionella pneumophila</i> Antibody (Type 1), IgG by IFA	0.1 mL
0050365	<i>Legionella pneumophila</i> Antibody (Types 1-6), IgG by IFA	0.1 mL
0050274	<i>Legionella pneumophila</i> Antibody (Types 1-6), IgM by IFA	0.1 mL
0050273	<i>Legionella pneumophila</i> Antibody (Type 1), IgM by IFA	0.1 mL
0051726	<i>Leishmania</i> Antibody, IgG (Visceral Leishmaniasis)	0.1 mL
0050786	<i>Leptospira</i> Antibody	0.05 mL
0055233	<i>Leptospira</i> Antibody, IgM by Dot Blot	0.05 mL
0051356	Malaria Antibody, IgG	0.05 mL
0050375	Measles (Rubeola) Antibodies, IgG & IgM	0.1 mL
0050380	Measles (Rubeola) Antibody, IgG	0.1 mL
0099597	Measles (Rubeola) Antibody, IgM	0.1 mL
0099431	Methylmalonic Acid (MMA), Serum Quantitative	1.5 mL

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0050065	Mitochondrial M2 Antibody, IgG (ELISA)	0.15 mL
0050390	Mumps Virus Antibody, IgG	0.1 mL
0099589	Mumps Virus Antibody, IgM	0.2 mL
0051698	<i>Mycobacterium tuberculosis</i> Antibody, IgG by ELISA	0.05 mL
0050697	<i>Mycoplasma pneumoniae</i> Antibodies Seroconversion Panel, IgG & IgM	0.1 mL each
0050399	<i>Mycoplasma pneumoniae</i> Antibodies, IgG & IgM	0.1 mL
0050397	<i>Mycoplasma pneumoniae</i> Antibody, IgG	0.1 mL
0050398	<i>Mycoplasma pneumoniae</i> Antibody, IgM	0.1 mL
0099685	<i>Neisseria gonorrhoea</i> Antibodies, Total	0.15 mL
0051068	Parainfluenza Virus 1 Antibody, IgG	0.05 mL
0051071	Parainfluenza Virus 2 Antibody, IgG	0.05 mL
0051072	Parainfluenza Virus 2 Antibody, IgM	0.05 mL
0051082	Parainfluenza Virus 3 Antibody, IgG	0.05 mL
0051084	Parainfluenza Virus Antibodies (1, 2, 3), IgG & IgM	0.05 mL
0065120	Parvovirus B 19 Antibodies, IgG & IgM	0.1 mL
0065109	Parvovirus B 19 Antibodies Seroconversion, IgG & IgM	0.1 mL each
0065121	Parvovirus B 19 Antibody, IgG	0.1 mL
0065122	Parvovirus B 19 Antibody, IgM	0.1 mL
0099132	Rabies Antibody, IgG (Vaccine Response)	0.1 mL
0051087	Respiratory Syncytial Virus Antibodies, IgG & IgM	0.05 mL
0051085	Respiratory Syncytial Virus Antibody, IgG	0.05 mL
0051086	Respiratory Syncytial Virus Antibody, IgM	0.05 mL
0050371	<i>Rickettsia rickettsii</i> (Rocky Mountain Spotted Fever) Antibodies, IgG & IgM by IFA	0.1 mL
0050369	<i>Rickettsia rickettsii</i> (Rocky Mountain Spotted Fever) Antibody, IgG	0.05 mL
0050372	<i>Rickettsia rickettsii</i> (Rocky Mountain Spotted Fever) Antibody, IgM	0.1 mL
0050384	<i>Rickettsia typhi</i> (Typhus Fever) Antibodies, IgG & IgM by IFA	0.1 mL
0050381	<i>Rickettsia typhi</i> (Typhus Fever) Antibody, IgG by IFA	0.05 mL
0050383	<i>Rickettsia typhi</i> (Typhus Fever) Antibody, IgM by IFA	0.1 mL
0098467	Sirolimus	0.25 mL
0098895	St. Louis Encephalitis Antibody, IgG by IFA, CSF	0.15 mL
0050507	St. Louis Encephalitis Antibody, IgG by IFA, Serum	0.05 mL
0098899	St. Louis Encephalitis Antibody, IgM by IFA, CSF	0.15 mL
0098732	St. Louis Encephalitis Antibody, IgM by IFA, Serum	0.15 mL

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0050642	<i>Streptococcus pyogenes</i> , Group A Antibody (Streptozyne®) with Reflex to Titer	0.05 mL
0099564	<i>Strongyloides</i> Antibody, IgG by ELISA, Serum	0.05 mL
0093244	Thyroxine, Free by Equilibrium Dialysis/HPLC-Tandem Mass Spectrometry	0.5 mL
0099090	<i>Toxocara</i> Antibody IgG by ELISA	0.15 mL
0093093	<i>Treponema pallidum</i> (VDRL), Serum with Reflex to Titer	0.25 mL
0050777	<i>Treponema pallidum</i> Antibody by TP-PA	0.1 mL
0050477	<i>Treponema pallidum</i> Antibody (FTA-ABS), Serum, IgG by IFA with reflex to <i>Treponema pallidum</i> Antibody by TP-PA	0.2 mL
0050920	<i>Treponema pallidum</i> Antibody, IgG by ELISA	0.05 mL
0055273	<i>Treponema pallidum</i> Antibody, IgG by IFA (CSF)	0.2 mL
0050921	<i>Treponema pallidum</i> Antibody, IgM by ELISA	0.05 mL
0050478	<i>Treponema pallidum</i> (Rapid Plasma Reagin) with Reflex to Titer & TP-PA Confirmation	0.25 mL
0050206	<i>Treponema pallidum</i> (VDRL), Cerebrospinal Fluid with Reflex to Titer	0.2 mL
0050787	<i>Trichinella</i> Antibody by ELISA	0.05 mL
0093243	Triiodothyronine, Free by Equilibrium Dialysis/HPLC-Tandem Mass Spectrometry	0.5 mL
0051076	<i>Trypanosoma cruzi</i> Antibody, IgG	0.05 mL
0051075	<i>Trypanosoma cruzi</i> Antibody, IgM	0.05 mL
0050162	Varicella-Zoster Virus Antibodies, IgG & IgM	0.2 mL
0099314	Varicella-Zoster Virus Antibody, IgM	0.1 mL
0050167	Varicella-Zoster Virus Antibody, IgG	0.1 mL
0050228	West Nile Virus Antibodies, IgG & IgM by ELISA, CSF	0.3 mL
0050226	West Nile Virus Antibodies, IgG & IgM by ELISA, Serum	0.15 mL
0050238	West Nile Virus Antibody, IgG by ELISA, CSF	0.15 mL
0050234	West Nile Virus Antibody, IgG by ELISA, Serum	0.15 mL
0050239	West Nile Virus Antibody, IgM by ELISA, CSF	0.15 mL
0098897	Western Equine Encephalitis Antibody, IgG by IFA, CSF	0.15 mL
0050514	Western Equine Encephalitis Antibody, IgG by IFA, Serum	0.05 mL
0098730	Western Equine Encephalitis, Antibody, IgM by IFA, CSF	0.15 mL
0098734	Western Equine Encephalitis Antibody, IgM by IFA, Serum	0.15 mL
0051230	<i>Yersinia</i> Species Antibodies, IgA & IgG by Western Blot	0.2 mL
0051241	<i>Yersinia</i> Species Antibodies, IgA, IgG, & IgM by Western Blot	0.2 mL