Minimum Neonatal/Pediatric Volumes

Test	Minimum Amount to be Collected	Tube Type
ABO Rh Type	0. 5 mL whole blood	EDTA - Lavender
Amylase	0.25 mL whole blood	Li Heparin – Mint Green
Antibody Screen	1.0 mL whole blood	EDTA - Lavender
Basic Metabolic Panel	0.5 mL whole blood	Li Heparin – Mint Green
Bilirubin, Direct	0.25 mL whole blood	Li Heparin – Mint Green
Bilirubin, Total	0.25 mL whole blood (0.40 if combined with direct bilirubin)	Li Heparin – Mint Green
ALT (Alanine Aminotransferase)	0.25 mL whole blood	Li Heparin – Mint Green
AST (Aspartate Aminotransferase)	0.25 mL whole blood	Li Heparin – Mint Green
Blood Gas, Arterial	1 mL whole blood	Li Heparin Syringe on ice
Blood Gas, Cord	1 mL whole blood	Li Heparin Syringe on ice
Blood Gas, Capillary	0.2 mL whole blood	Heparin capillary tube
Blood Gas, Mixed Venous	0.5 mL whole blood	Li Heparin Syringe on ice
Calcium	0.25 mL whole blood	Li Heparin – Mint Green
Calcium, Urine, Random	1 mL urine	Urine
CBC (Complete Blood Count)	0.5 mL whole blood	EDTA - Lavender
CMP (Comprehensive Metabolic Panel)	0.6 mL whole blood	Li Heparin – Mint Green
Creatinine, Urine, Random	1 mL urine	Urine
CRP, High Sensitivity	2.5 mL whole blood	Li Heparin – Mint Green
CSF-Cell Count and Differential	1.0 mL	CSF – sterile container
CSF-Glucose	0.25 mL	CSF – sterile container
CSF-Protein	0.25 mL	CSF – sterile container
Cytomegalovirus, PCR	3 mL whole blood **or** 3 pediatric tubes	EDTA - Lavender
Electrolyte Panel	0.3 mL whole blood	Li Heparin – Mint Green
Free T4	0.6 mL whole blood	Li Heparin – Mint Green
Glucose, Nonfasting	0.25 mL whole blood	Li Heparin – Mint Green
HCG, Quant	0.5 mL whole blood	Li Heparin – Mint Green
HCG B-Subunit Quant Tumor Marker	0.5 mL whole blood	Li Heparin – Mint Green
Hemoglobin and Hematocrit	0.5 mL whole blood	EDTA - Lavender
Herpes Simplex Virus, PCR	3 mL whole blood **or** 3 pediatric tubes	EDTA - Lavender

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Test	Minimum Amount to be Collected	Tube Type
HIV I, II Antibody	2 mL (may require additional draw for sendout confirmation)	Red top tube
Lead	0.5 mL EDTA whole blood	EDTA - Lavender
Lipase	0.4 mL whole blood	Li Heparin – Mint Green
Magnesium	0.4 mL whole blood	Li Heparin – Mint Green
Monotest	0.25 mL whole blood	Red top tube
Prothrombin Time (PT)	1.3 mL-into special pediatrics coagulation tube	Call Lab for special tubes
Partial Thromboplastin Time (PTT)	1.3 mL-into special pediatrics coagulation tube	Call Lab for special tubes
Sed Rate	1.2 mL whole blood	EDTA - Lavender
Reticulocyte Count	0.5 mL whole blood	EDTA - Lavender
TSH	0.6 mL whole blood	Li Heparin – Mint Green
Urinalysis Routine	2 mL urine	Urine
Urinalysis with Reflex Culture	2 mL urine	Urine

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