

Specimen Collection Quick Guide

For complete list of laboratory tests and details, please see *Sample Requirements in LabMan*
<http://seattlechildrenslab.testcatalog.org>

Chemistry Tests (can share one tube)

Test Name	
Albumin	
Alkaline Phosphatase	
ALT	
Amylase**	
AST	
BHBT/BOHB (Must be received in green top)	
Bilirubin	
BUN	
Calcium	
CK (CPK)	
C-Reactive Protein (CRP)	
Creatinine	
Electrolytes (includes ↓) ✓ CO ₂ ✓ Chloride ✓ Potassium ✓ Sodium	
<i>*Note: Each can be ordered separately</i>	
G-glutamyl Transferase (GGT)	
Glucose	
Iron Profile (includes ↓)** ✓ Iron Level ✓ TIBC ✓ % Saturation	
<i>*Note: Iron Level can be ordered separately</i>	
Lactate Dehydrogenase (LDH)	
Lipase	
Lipid Profile (includes ↓) ✓ Cholesterol ✓ Triglycerides ✓ LDL ✓ HDL	
<i>*Note: Cholesterol and Triglycerides can be ordered separately</i>	
Magnesium	
Phosphorous	
Total Protein	
Uric Acid	
Core Chemistry Drug Levels ✓ Acetaminophen ✓ Carbamazepine ✓ Digoxin** ✓ Gentamicin ✓ Phenobarbital ✓ Phenytoin ✓ Salicylate ✓ Tobramycin ✓ Vancomycin ✓ Valproic Acid	

Preferred Volume is at least *1.0 mL* in a full-sized **Gold SST, Dark Green, or Mint Green** tube.

Minimum Volume is a **FULL Gold SST or Mint Green** Microtainer

****Note: These tests MUST BE drawn in a Gold SST.**

Hematology Tests (can share one tube)

Test Name	Minimum Volume
CBC with Diff (includes ↓) ✓ Hematocrit ✓ Hemoglobin ✓ Platelet Count	0.5 mL in Lavender Microtainer.
Reticulocyte Count	
Erythrocyte SedRate	1.0 mL in a 4.0 mL Lavender top.

Coagulation Tests (can share one tube)

Test Name	Minimum Volume
PT	
PTT	
Fibrinogen	
D-Dimer	
TT	
AT3 Antigen and/or Activity	1.8 mL in a Sodium Citrate Light Blue top.
Argatroban/Bivalirudin	
LMW Heparin	
Unfractionated Heparin Activity	

Samples on Ice: These samples are only stable for **15 minutes** at room temperature.

Test Name	Minimum Volume
VBG or ABG Can share with... ✓ Ionized Calcium ✓ O ₂ Saturation ✓ Lactic Acid	0.5 mL in Heparinized Blood Gas Syringe
CBG Can share with... ✓ Ionized Calcium ✓ O ₂ Saturation ✓ Lactic Acid	0.2 mL in TWO Heparinized Capillary Gas Tubes <i>Note: EPOC tubes are unacceptable.</i>
Lactic Acid and/or Ammonia (can share one tube)	0.5 mL in Heparinized Blood Gas Syringe <i>Note: Microtainers are unacceptable.</i>

All minimum volumes are **whole blood**.