

# 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	
<b>Amylase**</b>	
AST ( <b>Gold SST</b> or <b>Light Green</b> Okay)	
<b>BHBT/BOHB (Must be received in green top)</b>	
Bilirubin	
BUN	
Calcium	
CK (CPK)	
C-Reactive Protein (CRP)	
Creatinine	
Electrolytes (includes ↓) ✓ CO <sub>2</sub> ✓ Chloride ✓ Potassium ✓ Sodium	
<i>*Note: Each can be ordered separately</i>	
G-glutamyl Transferase (GGT)	
Glucose	
<b>Iron Profile (includes ↓)**</b> ✓ 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	
<b>Total Protein**</b>	
Uric Acid	
Core Chemistry Drug Levels ✓ Acetaminophen ✓ Carbamazepine ✓ <b>Digoxin**</b> ✓ Gentamicin ✓ Phenobarbital ✓ Phenytoin ✓ Salicylate ✓ Tobramycin ✓ Vancomycin ✓ Valproic Acid	

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

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

**\*\*Note: These tests MUST BE drawn in the Gold SST Microtainer**

## Hematology Tests (can share one tube)

Test Name	Minimum Volume
CBC with Diff (includes ↓) ✓ Hematocrit ✓ Hemoglobin ✓ Platelet Count	0.5 mL in <b>Lavender</b> Microtainer.  1.0 mL in a 4.0 mL <b>Lavender</b> top.
Reticulocyte Count	
Erythrocyte SedRate	<b>Preferred Volume</b> is 3.0 mL in a full-sized <b>Lavender</b> top.  <b>Minimum Volume</b> is 2.0 mL in a full-sized <b>Lavender</b> top.  <i>Note: Microtainers are unacceptable for this test.</i>

## Coagulation Tests (can share one tube)

Test Name	Minimum Volume
PT	
PTT	
Fibrinogen	
D-Dimer	
TT	
AT3 Antigen and/or Activity	
Argatroban	
LMW Heparin	
Unfractionated Heparin Activity	

1.8 mL in a **Sodium Citrate Light Blue** top.

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

All minimum volumes are **whole blood**.