

Arnot Ogden Medical Center
Clinical Laboratory
NICU Specimen Reference Guide

The following chart is based on a baby with a hematocrit <40%. Babies with hematocrit >40% may need additional blood drawn. **Remember to always draw an appropriate amount of waste for an accurate result.**

Microtainer: Small plastic tube that holds approximately 0.5 mL of blood.

Pediatric: Glass tube that holds approximately 3.0 mL of blood.

Minimum Sample Volume: If it says full – fill to at least 600 mark on the tube. If it says half-full – fill to at least the 400 mark on the tube.

TEST	TUBE TYPE	MINIMUM SAMPLE VOLUME
Alk Phos	Green Microtainer	1 Full
Ammonia	Green Microtainer	1 Full- Send Immediately to lab on ice
Bilirubin	Green or Yellow Microtainer	1 Half-full
BMP	Green Microtainer	1 Full
Caffeine	Yellow Microtainer	2 Full-Send in AM
CBC	Lavender Microtainer	1 Fill to 500 mark
Chromosomes	Dark Green NaHeparin Tube	1 Full Pediatric Tube
CMP	Green Microtainer	1 Full
CMV	Yellow Microtainer	3 Full
Cortisol	Yellow Microtainer	2 Full
C Reactive Protein	Yellow Microtainer	1 Full
Digoxin	Green Microtainer	1 Half-full
D-Dimer	Baby Blue NaCitrate Tube	0.9cc Blood in tube
Fibrinogen, PT, APTT	Baby Blue NaCitrate Tube	0.9cc Blood in tube
Fluid, CSF or Urine	Sterile Container	0.5cc (Test Dependent, Call Lab)
Free T4	Yellow Microtainer	2 Full
Gentamycin	Green Microtainer	1 Half-full
Glucose	Green Microtainer	1 Half-full
Hepatic Panel	Green Microtainer	1 Full
HIV	Yellow Microtainer	3 Full - Call Lab
HSV PCR	Yellow or Lavender Microtainer	2 Full
IgM	Yellow Microtainer	2-3 Full
Insulin	Yellow Microtainer	1 Full
Lactate	Grey Tube	1/3 Full- Send immediately to lab on ice
Liver Profile	Green Microtainer	1 Full
Magnesium	Green Microtainer	1 Half-full
Phenobarbital	Green Microtainer	1 Half-full
Platelets	Lavender Microtainer	1 Fill to 500 mark
Pyruvate	Special Collection Tube-Call Lab.	1 mL exactly
Renal Function Panel	Yellow or Green Microtainer	1 Full
Renin	Lavender Pediatric Tube	1 Full
Retic	Lavender Microtainer	1 Fill to 500 mark
T4	Yellow Microtainer	2 Full
Theophylline	Green Microtainer	1 Half-full
TORCH IgM Panel	Yellow Microtainer	7 Full
Toxo Titer (IgM,IgG)	Yellow Pediatric Tube	5 Full
Toxo Titer (IgM only)	Yellow Microtainer	4 Full
Triglyceride	Green Microtainer	1 Half-full
TSH	Green Microtainer	2 Full
Type and Cross	Lavender Microtainer	1 Full
Vancomycin	Green Microtainer	1 Half-full

