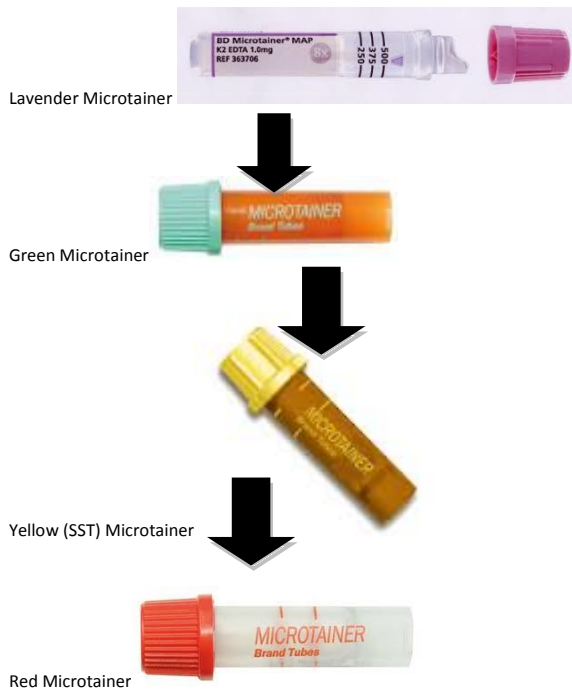


LAB WORK FOR NEONATES					
TEST	MINIMUM AMOUNT NEEDED FOR TESTING	SPECIMEN TYPE	TUBE TYPE/COLOR	SEND OUT?	TURN AROUND TIME
<b>SPECIMEN TYPE - (A) Arterial (V) Venous (C) Capillary-Heelstick</b>					
ABG Arterial Blood Gas	0.3 mL	A	ABG syringe	No	10 Minutes
Ammonia, Plasma	1 mL (NO MICROTAINER)	A/V	Pink or lavender on ICE	No	30 Minutes
Blood type, Coombs	2 microtainers or 2 mL in tube	A/V/C	Lavender microtainer/tube	No	30 Minutes
Calcium	1 microtainer or 1 mL in tube	A/V/C	Green microtainer/tube	No	30 Minutes
CBC /CBCD	1 microtainer or 1 mL in tube	A/V/C	Lavender microtainer/tube	No	30 Minutes
CBG Capillary Blood Gas	full capillary tube	C (prewarm heel)	Capillary tube	No	10 Minutes
Chromosomes	5 mL (NO MICROTAINER)	A/V	Green SODIUM Heparin/call Lab for tube x4474	Yes	5-7 Days
CRP High Sensitivity	1 microtainer or 1 mL in tube	A/V/C	Green microtainer/tube	No	30 Minutes
Blood Culture	1 mL	A/V	BacT/Alert PF Pediatric Culture Bottle	No	1-5 Days
Drug levels	Call Lab for minimum volume	A/V/C	Call Lab x4474/Tube type depends on drug	Yes	2-3 Days
G 6 P D	Full tube	A/V	Pediatric ACD tube (sol. B)	Yes	2-3 Days
Gent Peak/Trough	1 microtainer or 1 mL in tube	A/V/C	SST microtainer/tube	No	1 Hour
Glucose	1 microtainer or 1 mL in tube	A/V/C	Green microtainer/tube	No	30 Minutes
Hepatitis panel	2 microtainers or 2 mL in tube	A/V/C	SST microtainer/tube	No	Performed Daily
Rapid HIV (RHIV) newborn	2 microtainers or 2 mL in tube	A/V/C	SST microtainer/tube	No	1 Hour
IgM – specific types	2 microtainers or 2 mL in tube	A/V/C	SST microtainer/tube	Yes	2-7 Days
Lamictil level	2 microtainers or 2 mL in tube	A/V/C	RED microtainer/tube	Yes	3 Days
LIVER FUNCTION TEST (does not include creatinine)	2 microtainers or 2 mL in tube	A/V/C	Green microtainer/tube	No	30 Minutes
BASIC METABOLIC PANEL-	2 microtainers or 2 mL in tube	A/V/C	Green microtainer/tube	No	30 Minutes
COMPLETE METABOLIC PANEL- CMP	2 microtainers or 2 mL in tube	A/V/C	Green microtainer/tube	No	30 Minutes
PKU /Metabolic Screening	5 spots on NYSDOH Filter Paper Form	Heelstick only, no exceptions	Call Wadsworth Lab at 800-535-3079 for all questions		
PT/INR, PTT, D-Dimer, Fibrinogen	1 full tube No exceptions	A/V	Blue tube	No	25 Minutes
Reticulocyte count	1 microtainer or 1 mL	A/V/C	Lavender microtainer/tube	No	15 Minutes
RPR (can use cord blood)	2 microtainers or 2 mL in tube	A/V/C	SST microtainer/tube	No	Performed Daily
Total and/or Direct Bilirubin	2 microtainers or 2 mL in tube	A/V/C	Green microtainer/tube	No	30 Minutes
Total IgM	2 microtainers or 2 mL in tube	A/V/C	SST microtainer/tube	Yes	2-3 Days
Type & Cross match	2 mL tube	A/V	Lavender tube	No	35 Minutes
TSH and/or T4	2 microtainers or 2 mL in tube	A/V/C	SST microtainer/tube	No	1 Hour
<b>Cerebral Spinal Fluid</b>					
Cell count	1 mL	CSF	Sterile CSF tube	No	1 Hour
Total Protein & Glucose	1 mL	CSF		No	1 Hour
Herpes PCR	½ mL	CSF		Yes	2-3 Days
CSF Culture and gram stain	½ mL	CSF		No	Gram Stain - 60 Minutes/Culture 1-4 days
<b>Urine</b>					
Electrolytes	1 mL	Urine	Clear Cap Urine	No	25 Minutes
Urinalysis	1 mL	Urine	Yellow top urine tube & gray urine tube	No	15 Minutes
Urine Culture	½ mL	Urine	gray urine tube	No	1-3 Days
Urine drug screen-In house (non confirmatory)	1 mL	Urine	Clear cap tube	No	30 Minutes
Urine drug screen ***Get chain of custody kit***	½ mL	Urine	Chain of Custody Kit (call Lab x4474)	Yes	3-5 Days
<b>Stool</b>					
Meconium drug screen ***Get chain of custody kit***	5 grams (1 tablespoon)	Meconium	Chain of Custody Kit (call Lab x4474)	Yes	3-5 Days

## Order of Collection for BD Microtainer® Tubes – Capillary/Heelstick Blood



### Guide For Collection for BD Microtainer® Tubes – Capillary/Heelstick Blood

- 1) Lavender and Green Microtainer® tubes must be mixed by inverting the tubes 10x (do not shake). Blood will clot and need to be recollected if the tubes are not mixed well.
- 2) Yellow (SST) Microtainer® tubes must be mixed 5x for clot activation.
- 3) Microtainer® tubes must be filled to the top marked line on the side of the tube. Lavender and green Microtainer® tubes contain the optimum amount of anticoagulate additive for accurate test results when the tubes are filled correctly.
- 4) Lavender Microtainer® tubes may be stored up to four (4) hours prior to testing.
- 5) Do not “milk” the neonate heel to obtain a blood sample. “Milking” of skin puncture site may cause hemolysis of red blood cells and cause inaccurate test results.