

TEST	SUBGROUP	LOW	HIGH
ACETAMINOPHEN			≥50.0 ug/mL
APTT	Call on outpatients only. (Inpatients are being monitored).		≥ 51 sec
BILIRUBIN, TOTAL OR NEONATAL	Neonatal and adult		≥ 15.1 mg/dL
BLOOD BANK		Evidence of a delayed transfusion reaction due to a red cell alloantibody.	
BLOOD CULTURE	Routine, Fungal or AFB	Positive	
CALCIUM, IONIZED SERUM or WHOLE BLD	Newborn (< 1 yr)	≤ 0.99 mMol/L	
CALCIUM, TOTAL SERUM		≤5.9 mg/dL	≥13.1 mg/dL
CARBAMAZEPINE			≥14.0 ug/mL
CSF culture	Routine, Fungal or AFB	Organisms seen or positive culture	
DIGOXIN	Adult (> 1 yr)		≥3.1 ng/mL
	Newborn (≤ 1 yr)		≥3.9 ng/mL
ETHYLENE GLYCOL		Call all results positive and negative.	
FIBRINOGEN		≤49mg/dL	
GENTAMICIN	PEAK		≥10.1 ug/mL
	TROUGH		≥3.1 ug/mL
	RANDOM		≥10.1 ug/mL
GLUCOSE	Adult (> 1 yr)	≤ 49 mg/dL	≥501 mg/dL
	Newborn (≤1 yr)	≤39 mg/dL	≥301 mg/dL
HEART VALVE		Pos smear or culture	
HEMATOCRIT	Adult (> 1 yr)	≤20.0 %	-
	Newborn (> 1 mo to ≤1 yr)	≤20.0 %	≥65.1 %
	Newborn ≤ 1 mo)	≤20.0 %	≥70.1 %
HEMOGLOBIN	Adult (> 1 yr)	<6.5 g/dL	--
	Newborn (> 1 mo to ≤1 yr)	<6.5 g/dL	>22.0 g/dL
	Newborn (≤ 1 mo)	<6.5 g/dL	>24.0 g/dL
IRON			≥ 300 ug/dL
ISOPROPANOL		Call all results positive or negative	
LIDOCAINE			≥ 6. 1 ug/mL
LITHIUM			≥1.3 mMol/L
MAGNESIUM		≤1.0 mg/dL	≥8.0 mg/dL

TEST	SUBGROUP	LOW	HIGH
MALARIA and organisms in blood		Positive smear	
METHANOL		Call all results positive and negative	
METHOTREXATE			>5 uMole/L
pH, ARTERIAL		≤7.19	≥7.70
PHENOBARBITAL			≥60.1 ug/mL
PHENYTOIN (DILANTIN)			≥31 ug/mL
PHOSPHORUS		≤0.9 mg/dL	
PLATELET CT.	Adult (> 15 yr)	< 20,000/cumm	
	Pediatric (0-15 yr)	<50,000/cumm	
PLAVIX		> 240 PRU	
PO2, ARTERIAL	Adult (> 1 yr)	≤49 mmHg	
	Newborn (≤ 1 yr)	≤ 39 mmHg	>200 mmHg
POTASSIUM	Adult (> 1 yr)	≤2.9 mMol/L	≥6.6 mMol/L
	Newborn (≤ 1 yr)	≤2.4 mMol/L	≥7.1 mMol/L
PROTIME		--	≥5.6 INR or ≥61.0 sec
REDUCING SUGARS or KETONES	Newborns ≤ 1 yr old		All positives
SALICYLATE			≥50.1 ug/mL
SODIUM		≤119 mMol/L	≥161 mMol/L
TACROLIMUS FK506			≥ 25.1ng/mL
THEOPHYLLINE			≥26.0 ug/mL
TOBRAMYCIN	PEAK & RANDOM		≥10.1 ug/mL
	TROUGH		≥3.1 ug/mL
TROPONIN I			≥ 0.5 ng/mL
VALPROIC ACID			≥176 ug/mL
VANCOMYCIN	PEAK & RANDOM		≥60 ug/mL
	TROUGH		>30 ug/mL
WBC COUNT	Adult (> 1 yr)	≤0.5 K/cumm	
	Newborn (≤1 yr)	≤0.9 K/cumm	
WBC DIFFERENTIAL	Call on outpatients only.		Blasts as a new finding

For questions, please call Client Services at 541-687-2134.