

NorDx - Pen Bay Campus

Laboratory Critical Values

Test	Panic Value
Acetaminophen	>40.0 µg/mL
Bands	0 - 3 months: ≥10%
Calcium	<7, >12 mg/dL
Carbamazepine	>15 µg/mL
CO2	<15 mEq/L
CRP	>10.0 mg/L 0 - 2 years
DAT	Positives on newborns
D-dimer	>230 ng/mL
Digoxin	>2.5 ng/mL
Fibrinogen	<100 mg/dL
Gentamicin Trough	>2 µg/mL (1 month)
Gentamicin Peak	>20 µg/mL (0 day)
Gentamicin Peak	>25 µg/mL (1 month)
Glucose***	<45, >199 mg/dL 0 days - 1 year
	<40, >500 mg/dL >1 year
Gram Stains & Cultures	All positive -on any sterile body fluid/ Tissue/Urine culture on <6 month - must notify provider - not a RN
Hematocrit	0-2 days : <40, >65%
	1 month to 1 yr: <40, >60%
	1 year - 13 year: <25, >60%
	13 yrs+ : <21%, >60%
Lactate, Initial	>4.0 mmol/L
Lithium	>= 1.5 mEq/L (<65 years)
	>= 1.3 mEq/L (>= 65 years)
Magnesium	<1.0, >4.7 mg/dL
Multi-Resistant MIC	MRSA, VRE, CRE
	Penicillin Resistant Pneumococcus
	Gentamicin resistant gram neg rods (in-pt only)
	ESBL producing gram neg rods
Phenobarbital	>50 µg/mL
Phenytoin	>28 µg/mL
Platelet Count	0-29 days : <100 K/mL
	1 month+ : <50, >1000 K/mL
Prothrombin Time	INR > 4.0
Potassium	<3.0, >6.0 mEq/L
Positive Tests	C diff, Strep screen, RSV, Influenza A/B/DNA, EHEC
PTT	>90 seconds
Salicylate	>300.0 mg/L
Sodium (serum)	0-3 days: <133, >145 mEq/L
	>3 days: <120, >160 mEq/L
Theophylline	>20.0 µg/ml
Total Bilirubin	>15 mg/dL 0-1 month
Troponin T	>= 0.03 ng/ml

24 hr Urinary Protein	>300 mg / 24hr OB patient
Valproic Acid	>149.9 µg/mL
WBC	0-2 days : <6, >30 K/mL
	3-29 days : <6, >20
	30days - 6months: <6, >15
	6 months + : <2, >25
Absolut Neutrophil Count (ANC)	<= 0.5

Reviewed and Approved by Pen Bay Medical Staff

2014 changes:added fibrinogen; revised D-dimer and glucose

July 18, 2016 Revised Lithium and PTT

February 2017 Removed BUN, Revised Troponin T, Added Lactate Initial

Reviewed and Approved Nursing Policy and Procedure Committee / Dr Tomic with effected Providers

February 2018 Added age ranges for WBC/HCT, and added ANC