

NorDx - Pen Bay Campus

Laboratory Critical Values

Test	Panic Value	
Acetaminophen /ACETA	>250.0 µg/mL	
Blast percent	>5% peripheral blood, >0% CSF *Initial per stay	
Blood Parasites	All positive - either by PCR or Slide Review	
Calcium /CA	< 6.0, >13.0 mg/dL	
Carbamazepine /TEG	≥ 15.1 µg/mL	
DAT	Positives on newborns	
Digoxin /DIG	>2.5 ng/mL	
Fibrinogen /FIBRI	<100 mg/dL	
Gentamicin Trough /GENTT	>2.0 µg/mL	
Gentamicin Peak /GENTP	>20.0 µg/mL	
Gentamicin Random /GENT	>2.0	
Glucose /GLU	<45, >200 mg/dL ≤6 Months	
	<45, >500 mg/dL >6 Months	
Gram Stains & Cultures	All positive -on any sterile body fluid/ Tissue/Urine culture on <6 month - must notify provider - not a RN	
Hemoglobin /HGBI	≤ 6.5 g/dL	
Hematocrit /HCT	≤ 19.0%	
Lactate, Initial /LACT	≥ 4.0 mmol/L	
Lithium /LITH	≥ 1.5 mEq/L (≤ 65 years)	
	≥ 1.3 mEq/L (> 65 years)	
Magnesium /MG	< 1.0, > 8.0 mg/dL	
	MRSA, VRE, CRE	
	Penicillin Resistant Pneumococcus	
	Gentamicin resistant gram neg rods (in-pt only)	
Multi-Resistant MIC	ESBL producing gram neg rods	
	Phenobarbital /PHENO	> 60.0 µg/mL
	Phenytoin /DILAN	> 35.0 µg/mL
	Phosphorus /PHOS	≤ 1.0, ≥ 9.1 mg/dL
Platelet Count /PLATI	<40, >1000 K/mL *Initial per stay	
Prothrombin Time /INRT	INR ≥ 5.0	
Potassium /K	< 2.8, > 6.2 mEq/L	
Positive Tests	C diff, Strep screen, RSV, Influenza A/B/DNA,EHEC	
PTT /PTT	>150 seconds Inpatients	
	>60 seconds Outpatients	
Salicylate /SALIC	> 400.0 mg/L	
Schistocytes	3+	
Sodium (serum) /NA	< 120, > 160 mEq/L	
Theophylline /THEO	>20.0 µg/ml	
Total Bilirubin /BILIT	> 15.0 mg/dL ≤6 months	

Troponin T Gen 5 / G5TNT, HST2, HST4	> 50 ng/L	
Valproic Acid /VALPR	>150.0 µg/mL	
Vancomycin Trough /VANCT	> 30.0 µg/mL	
Vancomycin Random /VANC	> 50.0 µg/mL	
WBC	<2.0, >50.0	*Initial per stay
pH arterial / PH	≤ 7.20, ≥ 7.60	
pCO2 arterial / PCO2	≤ 20, ≥70 mmHg	
pO2 arterial / PO2	≤ 50 mmHg	
Hemoglobin / THB	≤ 6.5 g/dL	
Carboxyhemoglobin / HBCO	≥ 15.0 %	
Methemoglobin / METHB	≥ 5.0 %	
pH venous / PHVEN	≤ 7.20, ≥ 7.50	
pH Ven Cord Blood Gas /PHVC	< 7.00	

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,

December 2020 Changes to align w/Waldo and MMC - tc to include HCT, WBC, PLT Count, CRP, and Blood Parasites

March 2023 TNT Gen 5 Reference range change

August 2023 - Changed Hematology to reflect MaineHealth Unified Critical Lab Values

September 2023 - Changed Coagulation to reflect MaineHealth Unified Critical Lab Values

October 2023 - Changed Blood Gas to reflect MaineHealth Unified Critical Lab Values

January 2024 - Changed Chemistry to reflect MaineHealth Unified Critical Lab Values