

NorDx Stephens Campus Critical Values

TEST	LOW	HIGH	Units	Comments
Total Bilirubin		> 15.0	mg/dL	≤ 6 months
CALCIUM	< 6.0	> 13.0	mg/dL	
GLUCOSE	< 45	> 200	mg/dL	≤ 6 months
	< 45	> 500	mg/dL	> 6 months
MAGNESIUM	< 1.0	> 8.0	mg/dL	
PHOSPHORUS	≤ 1.0	> 9.0	mg/dL	
POTASSIUM	< 2.8	> 6.2	mEq/L	
SODIUM	< 120	> 160	mEq/L	
TROPONIN T		> 50	ng/L	
TROPONIN I		> 0.04	ng/mL	
INR		≥ 5.0		
PTT Inpatient		≥ 150	seconds	
PTT Outpatient		≥ 60	seconds	
Fibrinogen	< 100		mg/dL	
HEMOGLOBIN	≤ 6.5		g/dL	
HEMATOCRIT	≤ 19.0		%	
WBC	< 2.0	> 50.0	thou/L	*Initial only
PLATELETS	< 40,000	> 1,000,000	thou/L	*Initial only
SCHISTOCYTES		3+		
BLASTS, BLOOD		> 5	%	*Initial only
BLASTS, CSF		> 0	%	*Initial only
ALCOHOL		> 400	mg/dL	
ACETAMINOPHEN		> 250.0	ug/mL	
DIGOXIN		> 2.5	ng/mL	
DILANTIN		> 35.0	ug/mL	
LACTATE		> 4.0	mmol/L	*Initial only
LITHIUM		≥ 1.5	mEq/L	≤ 65 years
		≥ 1.2	mEq/L	> 65 years
SALICYLATE		> 400.0	mg/L	
VALPROIC ACID		> 150.0	ug/mL	
VANCOMYCIN TROUGH		> 30.0	ug/mL	
VANCOMYCIN RANDOM		> 50.0	ug/mL	
BLOOD CULTURE				Positive Gram Stain
STERILE BODY FLUIDS				Positive Gram Stain
RBC/WBC Parasites				Positive
Anaplasma Phagocytophilum DNA (APDNA) by PCR				Positive (Detected) <i>Inpatients only</i>
Babesia Microti DNA (BMDNA) by PCR				Positive (Detected) <i>Inpatients only</i>
*Initial only calls are per stay and for inpatients only. Outpatients must have all called.				

Reviewed by Stephens Medical Staff January 2016; April 2018 2018; March 2023

Revised 7/18/2016 Added Troponin I and revised Lithium

Revised 10/5/2016 Revised CO2 critical low value

Revised 4/20/2018 Added RBC/WBC parasites

Revised 8/30/18 Revised CO2 lower value; Added pediatric sodium lower value; Removed lithium age related

Revised 7/16/19
Revised 1/30/2024

Added Babesia and Anaplasma DNA by PCR for inpatients
Alignment to MaineHealth Critical Values standardization