

NorDx - Waldo Campus Critical Value Chart

Analyte	Ages	Less Than/Equal to		Greater Than/Equal to	Units
CHEMISTRY					
BUN				75.0	mg/dL
Calcium		6.9		12.1	mg/dL
Carbamazepine				15.1	ug/mL
CO2		15.0			mEq/L
CRP	> 2 Years			10.1	mg/L
Digoxin				2.6	ng/mL
Glucose	< 3 Days	49.0		200.0	mg/dL
Glucose	> 3 Days to 1 Year	44.0		200.0	mg/dL
Glucose	> 1 Year	50.0		500.0	mg/dL
Lactate	Initial*			4.0	mmol/L
Lithium	< 65 Years			1.5	mEq/L
Lithium	>= 65 Years			1.3	mEq/L
Magnesium		1.0		8.5	mg/dL
Phenytoin (Dilantin)				28.1	ug/mL
Potassium		2.9		6.1	mEq/L
Salicylate				300.1	mg/L
Sodium	0-3 Days Old	132		146	mEq/L
Sodium	> 3 Days Old	119		161	mEq/L
Total Bilirubin	0-1 Month Old			15.1	mg/dL
Troponin T	Initial*			0.03	ng/mL
Troponin I	Initial*			0.05	ng/mL
Valproic acid				150	ug/mL
BLOOD GASSES					
pCO2		30		50	mmHg
pH		7.3		7.5	
pH Cord Blood		7			
pO2		50			mmHg
COAGULATION					
INR				4.0	sec
APTT				150.0	sec
Ddimer				230.0	ng/mL
HEMATOLOGY					
Hemoglobin	Initial*/Thereafter	7.0 / 6.0		20.0	g/dL
Hematocrit	Initial*/Thereafter	21.0 / 18.0		60.0 / 55.0	%
Platelets	Initial*/Thereafter	49,000 / 10,000		100,000,001	thou/uL
WBC	0-3 Days Initial*	5.9	Initial*	20.1	thou/uL
WBC	4 to 23 Months Initial*	5.9	Initial*	25.1	thou/uL
WBC	> 23 Months Initial*	1.9	Initial*	25.1	thou/uL

Absolute Neutrophil	Initial*	0.5		thou/uL
---------------------	----------	-----	--	---------

NorDx - Waldo Campus Critical Value Chart

*All Outpatients are considered under the "Initial" category. For Inpatients, once the "Initial" Critical Value is called, additional calls are not required until the "Thereafter" criteria are met.
MICROBIOLOGY
Positive blood cultures Positive CSF gram stain or culture Positive (DETECTED) Babesia Microti DNA (BMDNA) by PCR or Slide Review Positive (DETECTED) Anaplasma Phagocytophilum DNA (APDNA) by PCR or Slide Review Positive gram stain or culture of other internal body fluids (joint, peritoneal, thoracentesis, etc.) Positive AFB stain or culture COVID FLU RAPID PCR MRSA, VRE, CRE, Gentamicin resistant and ESBL producing Gram Negative Rods
Last Review Date March 11, 2015, Waldo County Medical Staff Signed by Dr. D. Kent Clark July 18, 2016 Revised Troponin I and Lithium Reviewed by Waldo County Medical Staff September 2017 March 26, 2019 Revised TPNI for system-wide cut-off and critical value. Added positive APDNA and BMDNA.
Reviewed and Revised October 9, 2020 for Chemistry and Hematology Update - Aligning with PBMC
Alignment with PBMC Final draft from 2020 - With addition of COVID/FLU PCR February 2021
Re-evaluation of Glucose Critical Aug 2021