

Updated Sanford Laboratories' Critical Values

Effective 7-10-2018

ANALYTE	CRITICAL LESS THAN	CRITICAL GREATER THAN
CHEMISTRY		
Bilirubin, Total, 0-7 days (mg/dL)	-	17.9
Blood Gases, Arterial, Venous, Capillary pH	7.20	7.60
Calcium, Total (mg/dL)	5.0	14.0
Glucose, Adult, Pediatric >1 month (mg/dL)	60	400
Glucose, <1 month (mg/dL)	40	160
Ionized Calcium (mmol/L)	0.8	-
Magnesium, Serum (mg/dL)	1.2	8.0
Potassium (K) (meq/L)	3	6
Sodium (meq/L)	125	160
HEMATOLOGY & COAGULATION		
Hematocrit, >1 month of age (%)	21	60
Hematocrit, <1 month of age (%)	30	70
Hemoglobin, >1 month of age (g/dL)	7.0	20.0
Hemoglobin, <1 month of age (g/dL)	10.0	23.0
Platelet Count	10,000	1,000,000
Prothrombin (INR)	-	5

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CLINICAL TOXICOLOGY: THERAPEUTIC DRUGS		
Digoxin, Serum (ng/mL)	-	2.5
Lithium (meq/L)	-	2.0
COMMUNICABLE DISEASES		
MICROBIOLOGY		
Blood Culture Gram Stain	-	Positive
SPINAL FLUID		
WBC (Nucleated Cells)-Total Count 0-1 month of age (cells/uL)	-	30
WBC Total Count, 1-2 Months of Age (cells/uL)	-	10
WBC Total Count >2 Months of Age (cells/uL)	-	5
CSF Glucose (mg/dL)	40	-
CSF Gram Stain	-	Positive