

**CRITICAL VALUE LIST**

**Shaded** Values are called to a licensed caregiver regardless of the patient type or time of day.  
Outpatient facilities with 24/7 hours are handled in the same manner as inpatients.

Test	Critical Value		Yes indicates <u>sequential</u> critical values called		Exceptions	Unit of Measure
	Low	High	Inpatient	Outpatient		
Absolute Granulocyte Count	≤ 1000/μL or ≤ 1.0 K/μL	--	No	Yes*	*Non 24/7 Facilities: call ASAP next AM	μL
Acetaminophen	--	≥150	Yes	Yes		μg/mL
Ammonia	--	≥60	No	Yes*	*Non 24/7 Facilities: call ASAP next AM	μmol/L
Bicarbonate	≤10	--	No	Yes*	*Non 24/7 Facilities: call ASAP next AM	mmol/L
Bilirubin, Total	--	≥20 (to 30 Days)	Yes	Yes		mg/dL
Blood Culture	Positive Gram Stain		NA			
BUN	--	≥100	No	Yes*	*Non 24/7 Facilities: call ASAP next AM	mg/dL
Calcium/Corrected Calcium	≤7	≥13	No	Yes*	<i>Calcium critical values do not need to be called if corrected calcium on the same specimen is not flagged as "Critical" in PathNet.</i>	mg/dL
Creatinine	--	≥5	No	Yes*	*Non 24/7 Facilities: call ASAP next AM	mg/dL
CSF Gram Stain	--	Positive	Yes	Yes		NA
Digoxin	--	≥2.5	Yes	Yes		ng/mL
Dilantin (Phenytoin, Total)	--	≥30	Yes	Yes		μg/mL
Dilantin (Phenytoin, Free)	--	≥3.0	Yes	Yes		μg/mL
Ethanol	--	≥350	No	Yes*	*Non 24/7 Facilities: call ASAP next AM	mg/dL
Gentamycin (Trough)	--	≥3	Yes	Yes		μg/mL
Glucose	≤40 (0-2 days) ≤50 (> 2 days)	≥500	Yes*	Yes	*NICU-Not after initial report	mg/dL
Hemoglobin	≤6.0	--	Yes	Yes		g/dL
Hematocrit	≤18%	--	Yes	Yes		%
INR	--	≥5.0	Yes	Yes		ratio
Lactic Acid	--	≥ 4.0	Yes	No		mmol/L

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Lithium	--	≥1.8	Yes	Yes		mmol/L
Magnesium	--	≥5	No	Yes*	*Non 24/7 Facilities: call ASAP next AM	mg/dL
Malaria		≥5% <i>P.falciparum</i>	No	Yes*	*Non 24/7 Facilities: call ASAP next AM	%
Osmolality, Serum	≤270	≥300	No	Yes*	*Non 24/7 Facilities: call ASAP next AM	mOsm/kg
Phosphorus	≤1.5	≥10	No	Yes*	*Non 24/7 Facilities: call ASAP next AM	mg/dL
Platelet Count	≤20,000 ≤50,000 (< 6 mos)	--	No	Yes		mcl
Potassium	≤3.0	≥6	Yes*	Yes*	*NICU-Not after initial report	mmol/L
PTT	--	≥200	Yes	Yes*	*Non 24/7 Facilities: call ASAP next AM	sec
RMSF Titer		≥1:64	No	Yes*	*Non 24/7 Facilities: call ASAP next AM	ratio
Salicylate	--	≥40	Yes	Yes		mg/dL
Sodium	≤120	≥160	No	Yes*	*Non 24/7 Facilities: call ASAP next AM	mmol/L
Tacrolimus		≥25	Yes	Yes*	*Non 24/7 Facilities: call ASAP next AM	ng/mL
Theophylline	--	≥25	Yes	Yes		µg/mL
Tobramycin (Trough)	--	≥3	Yes	Yes		µg/mL
Vancomycin (Trough)	--	≥30	Yes	Yes		µg/mL