

Critical Values Updated 10/21/25

Test		Units
Digoxin	> 2.0	ng/mL
Phenytoin (Dilantin)	> 20	μg/mL
Gentamicin	> 12	μg/mL
BUN	> 50	mg/dL
Calcium (Corrected if available)	< 7.0	mg/dL
	> 11.0	
Glucose	< 50	mg/dL
	> 400	
Potassium	≤ 2.5	mmol/L
	≥ 5.5	
Sodium	< 125	mmol/L
	> 152	
Magnesium	< 1.2	mg/dL
	> 8.5	
Neonatal Bilirubin	> 18	mg/dL
Total Bilirubin (Adult)	≥ 4.0	mg/dL
Lactate (Core Measure)	> 2.0	mmol/L
TSH	< 0.015	μIU/mL
	> 20.0	
Troponin I	> 0.12	ng/mL
Myoglobin	Males > 121	ng/mL
	Females > 61.5	
CK-MB	> 3.38	ng/mL
INR	> 4.0	
PTT	> 60	seconds
D Dimer	> 0.50	mg/L
WBC	Adult/Child < 2.5	(10x3)/μL
	> 20	
	OB Inpatient > 25	
	Newborn (1-3 days) < 4	
	> 30	
HGB	Adult/Child < 7	g/dL
	> 20.0	
	Newborn (1-3 days) < 10.0	
	> 27.0	
HCT	Adult/Child < 21.0	g/dL
Platelets	< 50	(10x3)/μL
	> 1000	