

# General Lab Critical Values

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## CRITICAL LABORATORY TEST VALUES

The attending physician or the appropriate designee (i.e. nursing unit, answering service, associate) **MUST** be immediately notified for the following test results. **THE LABORATORY WILL CALL THESE RESULTS EVEN IF THE TEST IS NOT ORDERED STAT.** This applies to both inpatient and outpatient.

Hemoglobin	<7.0 g/dl, or decrease of 2 g if less than 10
Platelet Count	<10,000 $10^3/\mu\text{L}$
PT/INR	>5
PTT	>150 sec
Glucose	<40 mg/dl or >400 mg/dl
Sodium	<110 meq/L, or decrease of 5meq if less than 120
Troponin	any new elevation within an encounter
Potassium	<2.8 meq/L or >6.0 meq/L
Arterial PO2	<55 mm/Hg
Blood Cultures	All positive blood cultures
AFB/TB	New positive
CSF Gram Stain	Positive

### **Critical Values Specific to Neonatal and Pediatrics**

WBC (0-4D)	>34 $10^3/\mu\text{L}$
(5D-18Y)	>20 $10^3/\mu\text{L}$
	>15 $10^3/\mu\text{L}$ with Presence of bands on differential
Platelet Count (0-18Y)	<50,000 $10^3/\mu\text{L}$
CO2 (0-18Y)	<16mmol/L
Glucose (0-1mo)	<40 mg/dl or >200 (new elevation)
Glucose (>1mo-18Y)	<60 mg/dl or >250 (new elevation)
Neonatal Bilirubin	>14.0 mg/dl

**These are results that will be called during day shift hours.**

Positive HIV  
Positive malaria smear  
Transfusion of incompatible blood  
Pathology report indicating malignancy  
Abnormal cytogenetic reports  
Fresh Frozen results

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