

CRITICAL VALUES LIST

Clinical Chemistry

Test	Low Value	High Value
Bilirubin Total Adult		>15.0 mg/dL
Bilirubin Total Neonatal		>15.0 mg/dL
Calcium	≤7.0	≥12.0 mg/dL
CO ₂	<10 mmol/L	>40 mmol/L
Creatine Kinase		≥10,000 U/L
Creatinine		7.5 mg/dL
Ethanol		>250 mg/dL
Glucose	<40 mg/dL	>450 mg/dL
Glucose neonatal	<40	>200 mg/dL
Magnesium	<1.0	>9.0 mg/dL
Phosphorus	<1.0	>9.0 mg/dL
Potassium	≤2.7	>6.0 mmol/L
Sodium	<120	>160 mmol/L

Hematology

Test	Low Value	High Value
Hematocrit	<21%	≥65%
Hemoglobin	≤7.0	≥ 21.0 g/dL
INR		≥ 5.0
Absolute Neutrophil Count	≤ 0.5 10 ³ uL	
Platelets	≤ 20	≥1000 x 10 ³ /uL
PTT		>89 secs
WBC	≤2.0	≥40x10 ³ /uL
Fibrogen		≤100 mg/dL

CRITICAL VALUES LIST

TDM

Test	Low Value	High Value
Acetaminophen		≥ 150 ug/mL
Carbamazepine Total		≥20 ug/mL
Digoxin		≥2.5 ng/mL
Gentamicin		>12 ug/mL (peak) >2 ug/mL (Trough)
Lithium		>1.5 mmol/L
Phenobarbital		≥60 ug/mL
Phenytoin		≥30 ug/mL
Salicylates		>300 ug/mL
Theophylline		≥ 25.0 ug/mL
Tobramycin		>(12 ug/mL Peak) (>2 ug/mL Trough)
Valproic Acid		≥120 ug/mL
Vancomycin		>80 ug/mL

Microbiology

Test	Negative	Positive
Sterile Body Fluid	NG	Organism detected
CSF	NG	Organism detected
Blood Culture	NG	Organism detected
Bone Marrow Culture	NG	Organism detected
Corneal/Eye culture	NG	Organism detected
Mycobacterium/TB	NG	Organism detected
Clinically significant org or Notifiable Condition	NG	Organism detected