

TEST	LOW	HIGH
Acetaminophen		≥50 ug/ml
Antibody, prenatal		
Anti-K, initial titer		Titer ≥8
Antibody, clinically signif, not anti-K, initial titer		Titer ≥16
Antibody, subsequent titer		Titer ≥2 dilutions higher
Base Excess	≤ -12.0	
Bicarbonate (HCO ₃) arterial blood gas	<15 mmol/L	>40 mmol/L
Bilirubin, total		≥17.0 mg/dl
Bilirubin, total, cord blood		>4.0 mg/dl
Calcium	≤6.0 mg/dl	≥13.0 mg/dl
Carbamazepine		≥15.0 ug/ml
Carboxyhemoglobin (CO)		>20 %
Chloride	<61 mmol/L	
CKMBI (calculation with CKMB)		≥2.4
CO ₂	≤11 mmol/L	
Culture or gram stain:		
Blood		Positive
Blood products associated with transfusion		Positive
CSF		Positive
Sterile body fluids		Positive
DAT		3 - 4+
DAT, cord blood		Any positive
Digoxin		≥2.1 ng/ml
Ethanol, blood		≥350 mg/dl
Fibrinogen		<150 mg/dl
Gentamicin, peak		>12.0 ug/ml
Gentamicin, random		≥10.0 ug/ml
Gentamicin, trough		≥2.0 ug/ml
Glucose, 15 days to adult	≤50 mg/dl	>399 mg/dl
Glucose, 0 - 14 days old	≤39 mg/dl	≥200 mg/dl
Glucose, inpatient (not ED or infants < 30 days old)	≤69 mg/dl	
Hematocrit, 1 month to adult	<21 %	>60 %
Hematocrit, 0 days to 1 month old	<30%	>64%
Hemoglobin, 1 month to adult	<7 g/dl	>20 g/dl
Hemoglobin, 0 days to 1 month old	<10 g/dl	N/A
INR		>4.5
Lactic acid		>2.0 mmol/L
Lithium		≥1.5 mmol/L
Low Molecular Weight Heparin Anti-Xa		>1.0 U/ml
Magnesium	≤1.2 mg/dl	≥5.0 mg/dl
Myoglobin		>500 ng/ml
pCO ₂	<20 mm/Hg	>59 mm/Hg
Peripheral blood smear		Any organism
pH, arterial	<7.250	>7.589
pH, venous	<7.100	>7.589

Phenobarbital		≥40.1 ug/ml
Phenytoin (Dilantin)		>20.0 ug/ml
Phosphorus	<1.1 mg/dl	
Platelet, all ages	<50 10 ³ /ul	>800 10 ³ /ul
Platelet (Oncology CBC)	<30 10 ³ /ul	>800 10 ³ /ul
pO2, arterial	<40 mm/Hg	
Potassium, 1 year to adult	≤2.9 mmol/L	≥6.0 mmol/L
Potassium, 0 days to 1 year old	≤2.9 mmol/L	≥6.5 mmol/L
PTT		>150 seconds
Salicylate		>29.9 mg/dl
Sodium	<121 mmol/L	>159 mmol/L
Theophylline		≥20.1 ug/ml
Tobramycin, peak or random		>12.0 ug/ml
Tobramycin, trough		≥2.0 ug/ml
Troponin		>0.1 ng/ml
Unfractionated Heparin Anti-Xa		>1.0 U/ml
Valproic Acid		≥150 ug/ml
Vancomycin, peak or random		≥40.1 ug/ml
Vancomycin, trough		≥25.0 ug/ml
WBC, 1 month to adult	<1 10 ³ /uL	>30 10 ³ /uL
WBC, 0 days to 1 month	<5 10 ³ /uL	>35 10 ³ /uL