

**CRITICAL VALUES**  
**10/01/2009**

TEST	LOW	HIGH	UNIT
Acetaminophen		>150.0	mcg/mL
Ammonia		>110	mcmol/L
Bilirubin, Total (Age 0–36 days)		>14.0	mg/dL
Bilirubin, Total (Cord Blood)		>4.0	mg/dL
Calcium, Total	<6.0	>14.0	mg/dL
Calcium, Ionized	<3.1	>6.3	mg/dL
Carbamazepine		>20.0	mcg/mL
CO2	<12		mmol/L
Digoxin		>2.5	ng/mL
Ethylene Glycol		Detected (≥5)	mg/dL
Fibrinogen	<100		mg/dL
Glucose	<40	>500	mg/dL
Glucose (Age <30 days)	<40	>300	mg/dL
Hematocrit	<15.0	>60.0	%
Hematocrit (Age <30 days)	<25.0	>60.0	%
Hemoglobin	<5.0	>20.0	g/dL
INR		>5.0	
Iron		>500	mcg/dL
Isopropanol		>9	mg/dL
Lactate		>3.4	mmol/L
Lithium		>2.0	mmol/L
Magnesium	<1.2	>8.4	mg/dL
Methanol		Detected (≥5)	mg/dL
Methotrexate	All values ≥0.05 are called. Critical values are time post dose dependent. 24 hrs post dose: >5.00 48 hrs post dose: >0.50 72 hrs post dose: >0.05 Any time post treatment: >20.0		mcmol/L
Osmolality	<250	>315	mOsm/kg H <sub>2</sub> O
pCO <sub>2</sub> , Arterial	<20	>70	mmHg
pH, Arterial	<7.20	>7.59	
pH, Cord Blood, Arterial & Venous	<7.00		
pO <sub>2</sub> , Arterial	<40		mmHg
Phenobarbital		>60.0	mcg/mL
Phenytoin		>30.0	mcg/mL
Phosphorus	<1.0		mg/dL
Platelet	<10	>1000	x10 <sup>9</sup> /L
Potassium	<2.9	>6.0	mmol/L
PTT		>100.0	sec
Salicylate		>30	mg/dL
Sodium	<120	>160	mmol/L
Theophylline		>20.0	mcg/mL
Troponin T (1 <sup>st</sup> instance)		>0.01	ng/mL
Valproic Acid		>200.0	mcg/mL
WBC	<0.50	>50.00	x10 <sup>9</sup> /L
WBC, Neutrophil Absolute (1 <sup>st</sup> instance)	<0.50		x10 <sup>9</sup> /L

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Page 2 of 2

Bacillus anthracis	Bacillus anthracis present in any culture (confirmed or suspected)
CSF, blood, or normally sterile body site culture and/or Gram stain	Positive Gram Stain or clinically significant culture findings
Francisella tularensis	Francisella tularensis present in any culture (confirmed or suspected)
HIV 1&2 Antibody Screen	Positive screen for patients in Labor & Delivery
Neisseria meningitidis	N.meningitidis present in CSF or blood culture (confirmed or suspected)
Smallpox virus	Smallpox virus present in a viral culture (confirmed or suspected)
Yersinia pestis	Yersinia pestis present in any culture (confirmed or suspected)