

Automatic Call-Back Values

Test	Low	High
Absolute Neutrophil Count (ANC)	<1.0 K/ul	
Acetaminophen, Plasma or Serum		>40 µg/mL
Alcohol, Plasma or Serum		> or =350 mg/dL
Ammonia, Plasma		>500 µmol/L
Amylase, Plasma or Serum		>500 U/L
Bilirubin, Total, Plasma or Serum (0 to 10 years)		>15 mg/dL
Blood Parasite smear		All positives
Calcium, Ionized, IP/OP	<0.8 mmol/L	>1.5 mmol/L
Calcium, Total, Plasma or Serum	<6.5 mg/dL	>13.0 mg/dL
Carbamazepine, Total, Plasma or Serum		>15.0 µg/dL
Carbon Monoxide, Blood		>15%
Cell Count, Spinal Fluid (not contaminated with blood) WBC Neonates (<1 month) Infants (1 month-5 years) Child (>5 years) Adult		>30 WBC/µL >20 WBC/µL >5 WBC/µL >5 WBC/µL
Cryptococcus Antigen, Serum		All positives
Culture, Acid-Fast Bacillus (AFB), Smear		All positives
Culture, Acid-Fast Bacillus (AFB)		All positives
Culture, Blood		All positives
Culture, Fungus, Blood		All positives
Culture, Legionella and Smear		All positives
Culture, Spinal Fluid and Gram Stain		All positives
Differential Leukocyte Count, Blood		Any blasts or parasites seen on the differential
Digoxin (Lanoxin), Plasma or Serum		>2.0 ng/mL
D-Dimer, BMH only		>500 ng/L
D-Dimer, Oconto and BMG		>600 ng/mL
Fibrinogen, Plasma	<120 mg/dL	>700 mg/dL
Gastrointestinal Pathogen Panel		Positive results for select pathogens – see test listing
Gentamicin, Peak, Random		>10.0 µg/mL
Gentamicin, Trough, Plasma or Serum		>2.0 µg/mL
Glucose <7 days > or =7 days	< or =50 mg/dL < or =50 mg/dL	> or =300 mg/dL > or =400 mg/dL
Gram Stain		All positive sterile body fluid specimens
Hemoglobin < 1 month <or = 1 month	<12.0 g/L <7.0 g/L	>24.0 g/L >20.0 g/L
Lactic Acid, IP/OP		>4.0 mmol/L
Lead, Blood		> or =40 µg/dL
Legionella Antigen, Urine		All positives
Lithium, Serum		>1.3 mEq/L

Test	Low	High
Magnesium 0-30 days > or =1 month		>3.0 mg/dL > 5.0 mg/dL
Test	Low	High
Meningitis/Encephalitis Panel PCR, CSF		All positives
pH, Arterial Blood Gas	< 7.20 pH Units	> 7.60 pH Units
Partial Thromboplastin Time (PTT), Plasma		>150.0 seconds
Phenobarbital, Plasma or Serum		>45 µg/mL
Phenytoin, Total, Plasma or Serum		>30.0 µg/mL
Platelet Count, Blood	< 50.0 K/µL	>1,000.0 K/µL
Pneumocystis Fluorescent Antibody Smear		All positives
Potassium	<2.8 mEq/L	>6.0 mEq/L
Prothrombin Time (PT/INR) Profile, Blood or Plasma INR		>5.5
Salicylate, Plasma or Serum		>30 mg/dL
Sodium, Plasma or Serum	<121 mEq/L	>160 mEq/L
Theophylline, Plasma or Serum		>25.0 µg/mL
Tobramycin, Peak, Random, Plasma or Serum		>10.0 µg/mL
Tobramycin, Trough, Plasma or Serum		>2.0 µg/mL
Troponin I, Plasma		> or =0.12 ng/mL
Valproic Acid (Depakote), Plasma or Serum		>140.0 µg/mL
Vancomycin, Peak, Random, Plasma or Serum		>40.0 µg/mL
Vancomycin, Trough, Plasma or Serum		>20.0 µg/mL
White Blood Cell (WBC), Blood < 1 month > or =1 month	<2.0 K/µL <2.0 K/µL	>34.0 K/µL >30.0 K/µL