

CRITICAL LABORATORY TEST VALUES
DEPARTMENT OF LABORATORY MEDICINE
NATIONWIDE CHILDREN'S HOSPITAL, COLUMBUS OHIO

A. MICROBIOLOGY: Positive cultures (bacterial, mycobacterial, fungal or viral), direct microscopic exams, microbial antigen or PCR-based detection tests on any sterile body fluid or tissue (except Group A and Group B urines, BAL, bronchoscopy, sinus specimens or repeat specimens from the same source that were already called as critical. The latter become alerts). Sterile body fluid or blood with Gram positive cocci suggesting Staphylococcus that is identified as Staph aureus.

B. CHEMISTRY:

Analyte	Low/High Critical Value (age where applicable)	Units
Ammonia	≥199	μmol/L
Calcium	<6.0/>12.0	mg/dL
Glucose	<40 (0-2d) <50 (≥3d)	mg/dL
Potassium	<3.0 / >7.0 (0-13d) <3.0 / >6.5 (14-89d) <3.0 / >6.0 (≥90d)	mmol/L