

CRITICAL VALUES AT PATHOLOGY LAB

Test Name	Unit of Measure	Male Critical Low	Male Critical High	Female Critical Low	Female Critical High
*Ammonia	umol/L	< 2.0	> 200 (≤ 18 yrs only)	< 2.0	> 200 (≤ 18 yrs only)
Calcium	mg/dL	≤ 6.0	≥ 14.0	≤ 6.0	≥ 14.0
Carbamazepine (TegretoL)	ug/mL		> 15		> 15
CPK	ng/mL		> 499		> 499
CO2	mmol/L	< 11	> 39	< 11	> 39
*Cortisol	ug/dL	< 2.0		< 2.0	
Digoxin	ng/mL		≥ 2.5		≥ 2.5
Dilantin (Phenytoin)	ug/mL		> 29.9		> 29.9
Glucose	mg/dL	≤ 40	≥ 500	≤ 40	≥ 500
Glucose, newborn	mg/dL	≤ 30	≥ 300	≤ 30	≥ 300
Hematocrit	%	< 20	> 60	< 20	> 60
Hemoglobin	g/dL	< 7	> 18	< 7	> 18
INR			> 4.5		> 4.5
Magnesium	mg/dL	≤ 1	≥ 4.7	≤ 1	≥ 4.7
Partial Thromboplastin Time (PTT)	seconds		> 50		> 50
*Phosphorus (Inorganic)	mg/dL	< 1		< 1	
Platelets	x 10 ³ /uL	< 50	> 700	< 50	> 700
Potassium	mmol/L	≤ 2.5	≥ 6.5	≤ 2.5	≥ 6.5
RBC	x 10 ⁶	< 2	> 6	< 2	> 6
Sodium	mmol/L	< 111	> 169	< 111	> 169
Total Bilirubin, 1 DAY	mg/dL		>8		>8
2 DAY	mg/dl		>13		>13
3 DAY	mg/dl		>16		>16
4 DAY	mg/dl		>17		>17
5 Day	mg/dl		>12		>12
6 DAY TO 30 DAY	mg/dl		>12		>12
Valproic Acid	ug/mL		> 200		> 200
Vancomycin, Trough	ug/mL		> 20		> 20
WBC	x 10 ³ /uL	< 2	> 25	< 2	> 25
FNA with any growth					
<i>Streptococcus pneumoniae</i> from sputum, blood or exudates					
<i>Haemophilus influenzae</i> from sputum, blood or exudates					
Positive Blood Culture					
Positive gram stain or culture for CSF					
Positive C. diff					
Positive stool culture					
Positive OCP					
Positive HIV					
Zika					