



CONWAY MEDICAL CENTER LABORATORY

CRITICAL VALUE LIMITS

LAB-SPC-03.04-FRM

TEST NAME	ADULT TEST LIMITS		CHILD TEST LIMITS		NEONATE TEST LIMITS		UNITS
	LOW	HIGH	LOW	HIGH	LOW	HIGH	
Acetaminophin		>200.0		>200.0			ug/mL at 4 hr post
Albumin			1.7	6.8			g/dL
Ammonia				109.0			umol/L
Bleeding Time				14.0			minutes
BUN		104.0		55.0			mg/dl
Calcium	6.0	13.0	6.0	13.0			mg/dl
Carbamazepine		>20.0		>20.0			ug/ml
Chloride	75.0	126.0	77.0	121.0			mmol/L
CO2	10.0	40.0	10.0	40.0			mmol/L
Creatinine		7.4		3.8			mg/dl
CSF Glucose	37.0	438.0	30.0				mg/dL
CSF Protein				187.5			g/dL
Digoxin		>2.5		>2.5			ng/ml
Fibrinogen	88.0	775.0	50.0				mg/dl
Gentamycin Peak		>12.0		>12.0			ug/ml
Gentamycin Trough		>2.0		>2.0			ug/ml
Glucose	40.0	400.0	40.0	400.0			mg/dL
Hematocrit	18.0%	61.0%	18.0%	61%	33%	75%	%
Hemoglobin	6.5	19.9	6.0	20.0	9.5	25.0	gm/dl
Lactate		3.4		4.1			mmol/L
Lithium		>2.0		>2.0			mmol/L
Magnesium	1.0	4.9	1.1	4.4			mg/dl
Magnesium-OB	1.0	8.0					mg/dl
Osmolality	250.0	326.0	253.0	318.0			mOsm/kg
Phenobarbital		>60.0		>60.0			ug/ml
Phenytoin		>40.0		>40.0			ug/ml
Phosphorus	1.0	8.9	1.0	8.9			mg/dl
Platelet count	30,000	1,000,000	30,000	1,000,000	30,000	1,000,000	k/mm3
Potassium	3.0	6.0	3.0	6.0			mmol/L
Protein			3.4	9.5			g/dL
PT *		48.7		21.0			seconds
PTT		100.0		62.0			seconds
Salicylate		>40.0		>40.0			mg/dL
Sodium	120.0	160.0	120.0	160.0			mmol/L
Theophylline		>25.0		>25.0			ug/ml
Total Billirubin		15.0		15.0		12.0	mg/dL
Uric Acid		13.0		12.0			mg/dL
Valporic Acid		>200.0		>200.0			ug/mL
Vancomycin Trough		>30.0		>30.0			ug/mL
WBC	2000	37,000	2,100	42,900	2,100	42,900	k/mm3
Tobramycin Trough		None					ug/mL
Tobramycin Peak		None					ug/mL
Troponin		≥ 0.6		≥ 0.6			ng/ml
Urine Glu/Ketone		Glu >500/Ketone>80					

NON-QUANTITATIVE CRITICAL LIMITS

TEST	RESULT	SOURCE
Gram Stain	Positive	Blood, CSF, and Body Cavity Fluids
Culture	Positive	Blood, CSF, and Body Cavity Fluids
India Ink	Positive	
AFB	Positive	
Malarial Parasite	Present	
Syphilis (RPR, VDRL)	Positive	
HIV,Rapid	Positive	

Revised 03/01/13: Hgb 5.0 to 6.5
 DMW/CLR Hct 15.0% to 18.0%
 Reviewed 8/30/13 DMW No changes /CLR
 Revised 7/8/2014 add glu/ketone to chart
 Reviewed 8/6/14DMW remove crystals
 Reviewed 3/12/15lds Sr Tech Review
 Revised 07/29/15dmw
 Revised 05/4/18 dlt HIV SUDS changed to HIV Rapid

Note: Verbal report of panic values are initiated within 30 min post TAT expectation

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