

CRITICAL LABORATORY VALUES

Document Number: LAB-148.021

DEPARTMENT	TEST	RESULT /AGE CRITERIA
CHEMISTRY		
	B Hydroxy Butyrate	≥0.3
	Amnisure	Positive
	Total Bilirubin	<1 day = ≥7 mg/dl ≥1 day to ≤2 days = ≥11 mg/dl >2 days ≤30 days = ≥15mg/dl
	BUN	>90 mg/dl (non-KDU)
	Calcium	≤30 days = <7.0 >30 days to 125 years = <6.0 or >13.0 mg/dl
	Corrected Calcium	≤30 days = <7.0 >30 days to 125 years = <6.0 or >13.0 mg/dl
	Carbon Dioxide	<10.0 or >40.0 meq/dl
	Creatinine	>7.5 mg/dl (non KDU)
	Glucose	≤2 days = <35 or >200 mg/dl >2 days to ≤1 year = <40 or >200 mg/dl >1 year to 125 years = <50 or >400 mg/dl
	Lactate, plasma	≥4.0 mmol/L
	Magnesium	<1.0 mg/dl
	Potassium	≤7 days = <2.5 or >7.0 meq/l >7 days to ≤30 days = <3.0 or >7.0 meq/l 31 days to 125 years = <2.9 or >5.9 meq/l
	Phosphorus	<1.3 mg/dl
	Sodium	≤30 days = <130.0 or >150.0 meq/l 31 days to 125 years = <120.0 or >160.0 meq/l
	Troponin, high sensitivity	>18 year old Male = ≥ 19.9pg/ml >18 year old Female = ≥ 15 pg/ml >18 year old unknown = ≥ 15 pg/ml Pediatric not established
COAGULATION		
	Prothrombin, INR	≥5.0
	APTT	≥100 seconds
	Fibrinogen	<100 or >700 mg/dl
	UF Heparin Anti-Xa	>1.0 IU/ml

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BLOOD BANK		
	Antibody Screen	Positive on STAT Sample
	DAT, Cord Blood	Positive
MICROBIOLOGY		
	Gram Stain, CSF	Positive
	Blood Culture (BLC)	Positive, growth in bottle(s)
	Culture, CSF	Positive
	Meningitis/Encephalitis Panel	Positive
HEMATOLOGY		
	WBC	≤30 days = <1500 or >50,000/cumm 31 days to 125 years = <1500 or >30,000/cumm
	Hemoglobin	≤60 days = <9.5 or >22.5 gm 61 days to 125 years = ≤6.9 or ≥19.0 gm
	Hematocrit	≤30 days = <33.0 Or >65.0% 31 days to 125 years = ≤20 or ≥60%
	Platelets	≤50,000 or ≥1,000,000/cumm
THERAPEUTIC DRUGS		
	Carbamazepine	>15 ug/ml
	Digoxin	>2.5 ng/ml
	Gentamicin, Trough	>2.0 ug/ml
	Gentamicin, Peak or Random	>12.0 ug/ml
	Lithium	>1.5mmol/l
	Phenobarbital	>50 ug/ml
	Phenytoin	>30 ug/ml
	Salicylates	>50 mg/dl
	Theophylline	>25.0 ug/ml
	Tobramycin, Trough	>2.0 ug/ml
	Tobramycin, Peak or Random	>12 ug/ml
	Valproic Acid	>151 ug/ml
	Vancomycin, Trough	>30 ug/ml
	Vancomycin, Peak or Random	>80 ug/ml