



CENTRAL LABORATORY ALERT VALUES

HEMATOLOGY

	LOW	HIGH		LOW	HIGH
DDIMER (DIMR2)		≥ 0.50 ug FEU/mL	INR		≥ 2.4
DDIMER (DDIME)		≥ 401 ng/mL	PROTIME (with therapy)		≥ 47 seconds
FIBRINOGEN	≤ 75 mg/dL		INR		≥ 5.0
HEMOGLOBIN	≤ 7 gm	≥ 20 gm	PTT (no therapy)		≥ 50 seconds
HEMOGLOBIN NEWBORN	≤ 10 gm	≥ 22 gm	PTT (with therapy)		≥ 120 seconds
PLATELETS	≤ 50,000	≥ 1,000,000	WBC	≤ 2,000	≥ 30,000
PROTIME (no therapy)		≥ 24 seconds	LEAD		≥ 10

MICROBIOLOGY

All positive cultures from blood and/or CSF	Positive gram stain from CSF
Positive AFB stain or culture	Cultures growing Yersinia, Salmonella, Shigella, Campylobacter, E. Coli 0157, Pseudomonas (source ocular), VRE, N. meningitis, Listeria monocytogenic, Penicillian Resistant S. pneumo, Possible KPC, Confirmed KPC, Group A Strep from throat
Positive C. diff Toxin, Bacterial Antigens - CIE, Rotavirus (on hospitalized patients)	
Positive Dialysate Fluid, Sterile Body Fluids	
Methicillin resistant Staphylococcus aureus (MRSA), ESBL, Group B Streptococcus if screen (-) and culture (+) (on hospitalized inpatient and/or nursing home only)	Positive Cryptococcal antigen

CHEMISTRY

	LOW	HIGH/ABNORM		LOW	HIGH/ABNORM
ALCOHOL		> 0.10 g/dL	HEPATITIS A TOTAL		REACTIVE
AMMONIA		≥ 50	HEPATITIS B CORE AB		REACTIVE
BILIRUBIN, TOTAL		>15	HEPATITIS B CORE AB, IGM		REACTIVE
BUN		≥ 100	HEPATITIS B SURFACE AG		REACTIVE
CALCIUM	< 6.5	> 12.5	HEPATITIS C AB		REACTIVE
CHLORIDE	< 74	> 126	HEPATITIS C by PCR		POSITIVE
CO2	< 13		HIV		REACTIVE
			IONIZED CALCIUM	3.1	6.3
CREATININE		≥ 7.5	LACTIC ACID		> 3.4 mmol/L
FETAL FIBRONECTIN	CALL ALL RESULTS		MAGNESIUM	< 1.0	> 4.9
GLUCOSE ADULT	≤ 40	≥ 400	MATERNAL SCREEN (NEURAL TUBE DEFECT; DOWN SYNDROME AND/OR TRISOMY 18)		SCREEN POSITIVE
GLUC NEWBORN DAY 1	< 30	> 150			
GLUC NEWBORN DAY 2-7	< 40	> 150			
HEPATITIS A IGM		REACTIVE	POTASSIUM	≤ 2.7	≥ 6.3

THERAPEUTIC DRUG MONITORING

	LOW	HIGH		LOW	HIGH
ACETAMINOPHEN		> 50	PROCAINAMIDE		> 10
AMIKACIN TROUGH		> 8	PROCAINAMIDE, T & NAPA		> 30
AMIKACIN PEAK		> 30	QUINIDINE		> 6
CARBAMAZEPINE		> 12	SALICYLATE		> 300
CYCLOSPORIN		> 300	TACROLIMUS		> 20
DIGOXIN		> 2.5	THEOPHYLINE		> 25
GENTAMICIN TROUGH		> 2	TOBRAMYCIN TROUGH		> 3
GENTAMICIN PEAK		> 10	TOBRAMYCIN PEAK		> 10
LITHIUM		> 2	VALPROIC ACID		> 150
PHENOBARBITAL		> 40	VANCOMYCIN TROUGH		> 15
PHENYTOIN		> 20	VANCOMYCIN PEAK		> 40
PRIMIDONE		> 15			

For any drug not listed: TOXIC LEVEL IS THE ALERT VALUE

ALERT VALUES LISTED WILL BE PHONED TO THE CLIENT WITHIN 30 MINUTES OF COMPLETION OF THE TEST.