



## CENTRAL LABORATORY CLINICAL 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

### 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	<b>CALL ALL RESULTS</b>		MAGNESIUM	< 1.0	> 4.9
GLUCOSE ADULT	≤ 40	≥ 400	MATERNAL SCREEN (NEURAL TUBE DEFECT; DOWN SYNDROME AND/OR TRISOMY 18)		<b>SCREEN POSITIVE</b>
GLUC NEWBORN DAY 1	< 30	> 150			
GLUC NEWBORN DAY 2-7	< 40	> 150			
HIPA (Heparin Induced Platelet Antibody)	<b>All Positive Results</b>		SODIUM	≤ 120	≥ 160
HEPATITIS A IGM		REACTIVE	POTASSIUM	≤ 2.7	≥ 6.3

### THERAPEUTIC DRUG MONITORING

	LOW	HIGH		LOW	HIGH
ACETAMINOPHEN		> 50	PRIMIDONE		> 15
AMIKACIN TROUGH		> 8	PROCAINAMIDE		> 10
AMIKACIN PEAK		> 30	PROCAINAMIDE, T & NAPA		> 30
CARBAMAZEPINE		> 12	QUINIDINE		> 6
CYCLOSPORIN		> 300	SALICYLATE		> 300
DIGOXIN		> 2.5	TACROLIMUS		> 20
GENTAMICIN TROUGH		> 2	THEOPHYLINE		> 25
GENTAMICIN PEAK		> 10	TOBRAMYCIN TROUGH		> 3
LIDOCAINE		> 5.0	TOBRAMYCIN PEAK		> 10
LITHIUM		> 2	VALPROIC ACID		> 150
PHENOBARBITAL		> 40	VANCOMYCIN TROUGH		> 15
PHENYTOIN		> 20	VANCOMYCIN PEAK		> 40

**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.**