



CENTRAL LABORATORY CLINICAL ALERT VALUES
08:00 - 20:00 (DAY List Only, 7 days per week)

HEMATOLOGY					
	LOW	HIGH		LOW	HIGH
DDIMER (DIMR2)		>500 ng FEU/mL	INRC (with therapy)		≥5.0
FIBRINOGEN	<75 mg/dL		PTT (no therapy)		>50 seconds
HEMOGLOBIN, ADULT	<6 gm	>20 gm	PTT (with therapy)		>120 seconds
HEMOGLOBIN, NEWBORN	<10 gm	>24 gm	WBC, ADULT	<2.0	>30.0
HEMATOCRIT, NEWBORN		<30%	WBC, NEWBORN	<5.0	>35.0
PLATELETS	<50,000	>1,000,000	ABSOLUTE NEUTROPHIL COUNT (ANC)	<500	
PROTIME (no therapy)		>28 seconds	RBC MORPHOLOGY		Malarial or infectious inclusions
INR (no therapy)		>2.4	LEAD		<16 years: >5 ug/dL >16 years: >45 ug/dL
MOLECULAR					
GI panel (BFGI, ENTBS, ENTEX, ENPAR)			Call 24/7 Vibrio Cholerae, Shiga Toxin producing E. coli (STEC), and Rotavirus - All other positive results call 8-8		
FETOMATERNAL BLEED	CALL ALL POSITIVE RESULTS 24/7		RSV (Micro and Molecular)	CALL POSITIVE RESULTS FOR PEDI ≤ 3 YEARS OLD 24/7	
HEP C PCR QUANT	CALL ALL RESULTS EXCEPT NOT DETECTED		Respiratory Panel by PCR (BFPAN)	See Business Hours (SQL)	
MENINGITIS / ENCEPHALITIS PANEL	CALL ANY DETECTED RESULT 24/7		COVID-19	CALL POSITIVE RESULTS	
CHEMISTRY					
	LOW	HIGH/ABNORM		LOW	HIGH/ABNORM
ALCOHOL, SERUM		≥350 mg/dL	GLUCOSE, FASTING (GLUF)	<50 mg/dL	>400 mg/dL
ALCOHOL, URINE		≥300 mg/dL	GLUCOSE NEWBORN DAY 1 (GLUC, GLUF)	<35 mg/dL	>150 mg/dL
AMMONIA		>100 umol/L	GLUCOSE NEWBORN 2-7 DAYS (GLUC, GLUF)	<35 mg/dL	>150 mg/dL
BILIRUBIN, TOTAL		>15 mg/dL	GLUCOSE CSF	<20 mg/dL	
BUN		>100 mg/dL	HITRS	CALL ALL POSITIVE RESULTS 24/7	
CALCIUM	<6.5mg/dL	>12.5 mg/dL	IONIZED CALCIUM	3.1 mg/dL	6.3 mg/dL
CHLORIDE	<75 mEq/L	>125 mEq/L	LACTIC ACID		>2.0 mmol/L
CK		>1000 U/L	LEAD		<16 years: >5 ug/dL >16 years: >45 ug/dL
CO2	<13 mEq/L		MAGNESIUM	<1.0 mg/dL	>5.0 mg/dL
CREATININE		>10.0 mg/dL	OSMO (OSMC/OSMC2)	<253 mOsm/L	>317 mOsm/L
FETAL FIBRONECTIN	CALL ALL RESULTS 24/7		PHOSPHOROUS	<1.0 mg/dL	
GLUCOSE ADULT (GLUC, GLPOB, GLUCF, GLUCR, GLUBF, GLUSF, HFGLU, CLGLU,)	<50 mg/dL	>400 mg/dL	POTASSIUM	<2.8 mEq/L	>6.2 mEq/L
GLUCOSE OB (GLPOB)	<50 mg/dL	>400 mg/dL	SODIUM	<120 mEq/L	>160 mEq/L
GLUCOSE TOLERANCE OB (3GGTT, 2GGTT)	<40 mg/dL	>400 mg/dL	TROPONIN		>12 pg/mL (female) >20 pg/mL (male)
GLUCOSE TOLERANCE NON-OB (2HNGT)	<50 mg/dL	>400 mg/dL			
THERAPEUTIC DRUG MONITORING					
	LOW	HIGH		LOW	HIGH
ACETAMINOPHEN		>50 ug/mL	PRIMIDONE		>15 ug/mL
AMIKACIN TROUGH		>8 ug/mL	PROCAINAMIDE		>10 ug/mL
AMIKACIN PEAK or RANDOM		>30 ug/mL	PROCAINAMIDE, T & NAPA		>30 ug/mL
			NAPA		>30 ug/mL
CARBAMAZEPINE		>12 ug/mL	QUINIDINE		>6 ug/mL
CYCLOSPORIN		>300 ng/mL	SALICYLATE		>30 mg/dL
DIGOXIN		>2.5 ng/mL	SIROLIMUS		>25 ng/mL
EVEROLIMUS		>15 ng/mL	TACROLIMUS		>20 ng/mL
GENTAMICIN TROUGH		>2 ng/mL	THEOPHYLINE		>20 ug/mL
GENTAMICIN PEAK or RANDOM		>12 ug/mL	TOBRAMYCIN TROUGH		>2 ug/mL
LIDOCAINE		>5.0 ug/mL	TOBRAMYCIN PEAK or RANDOM		>12 ug/mL
LITHIUM		>1.5 mmol/L	VALPROIC ACID (Depakote)		>100 ug/mL
PHENOBARBITAL		>50 ug/mL	VANCOMYCIN TROUGH		>20 ug/mL
PHENYTOIN (DILANTIN)	<2.5 ug/mL	>30 ug/mL	VANCOMYCIN PEAK or RANDOM		>40 ug/mL
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.					