



CENTRAL LABORATORY CLINICAL ALERT VALUES
ALERTS PHONED FROM 20:00 - 08:00 (NIGHT List, 7 days per week)

HEMATOLOGY

	LOW	HIGH		LOW	HIGH
WBC	<2.0	>30.0	INR (no therapy)		≥2.4
HEMOGLOBIN	<6 gm	>20 gm	INRC (therapy)		≥5.0
PLATELETS	<10	>1 Million	PTT (no therapy)		≥100 seconds
Protine (no therapy)		≥28 seconds	HITRS	CALL ALL POSITIVE RESULTS 24/7	

MOLECULAR

RSV (Micro and Molecular)	CALL POSITIVE RESULTS FOR PEDS ≤ 3 YEARS OLD 24/7	HEP C PCR QUANT	CALL ALL RESULTS EXCEPT NOT DETECTED
MENINGITIS / ENCEPHALITIS PANEL	CALL ANY DETECTED RESULT 24/7	GI panel (BFGI, ENTBS, ENTEX, ENPAR)	Call 24/7 Vibrio Cholerae, Shiga Toxin E. coli (STEC), and Rotavirus
FETOMATERNAL BLEED	CALL ALL POSITIVE RESULTS 24/7	COVID-19	CALL POSITIVE IN-PATIENTS 24/7

CHEMISTRY

	LOW	HIGH		LOW	HIGH/ABNORM
CALCIUM	<6.5 mg/dL	>12.5 mg/dL	LACTIC ACID		>2.0 mmol/L
CREATININE		>10 mg/dL	SODIUM	<120 mEq/L	>160 mEq/L
GLUCOSE, ADULT	<50 mg/dL	>400 mg/dL	POTASSIUM	<2.8 mEq/L	>6.2 mEq/L
GLUCOSE, NEWBORN 2-7 DAYS (GLUC, GLUF, HLGLU)	<35 mg/dL	>150 mg/dL	TROPONIN		>12 pg/mL (female) >20 pg/mL (male)
IONIZED CALCIUM	≤3.1 mg/dL	≥6.3 mg/dL			

NOTE: If the Chemistry specimen is hemolyzed and has a high potassium, then call the next morning. If the specimen was received unspun and has a low glucose or high potassium, then call the next morning.

THERAPEUTIC DRUG MONITORING

	LOW	HIGH		LOW	HIGH
ACETAMINOPHEN		>50 ug/mL	PROCAINAMIDE		>10 ug/mL
CARBAMAZEPINE		>12 ug/mL	QUINIDINE		>6 ug/mL
DIGOXIN		>2.5 ng/mL	SALICYLATE		>30 mg/mL
LIDOCAINE		>5.0 ug/mL	SIROLIMUS		>25 ng/mL
LITHIUM		>1.5 mmol/L	TACROLIMUS		>20 ng/mL
PHENOBARBITAL		>50 ug/mL	THEOPHYLINE		>20 ug/mL
PHENYTOIN (Dilantin)	<2.5 ug/mL	>30 ug/mL	VALPROIC ACID (Depakote)		>100 ug/mL
PRIMIDONE		>15 ug/mL			

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