



XCL REFERENCE AND CRITICAL CALL RANGES

It is the policy of this laboratory to ensure that the doctor or service is immediately notified of any life-threatening result obtained from a patient sample. The values listed below will trigger notification.

ANALYTE	LOW	HIGH	UNIT
HEMATOLOGY & COAGULATION			
HEMATOCRIT	24	65	%
HEMOGLOBIN	7.0	22.0	g/dl
WBC	1.9	17.0	1000/ μ L
PLATELET	69	600	1000/ μ L
PT/INR		>29src/3.5	Sec/ratio
PTT		>79	sec
CHEMISTRY / TDM			
SODIUM	120	160	mEq/L
POTASSIUM	3.0	5.9	mEq/L
CHLORIDE	80	125	mEq/L
CALCIUM	6.5	13.0	mg/dl
CO2	10	40	mEq/L
BUN		>50.0	mg/dl
CREATININE		>4.0	mg/dl
GLUCOSE (13 years and above)	45	300	mg/dl
GLUCOSE (1-12 years)	40	250	mg/dl
MAGNESIUM	1.0	5.0	mg/dl
PHOSPHOROUS	1.0	8.0	mg/dl
T. BILIRUBIN		>2.5	mg/dl
AMYLASE		>400	U/L
LEAD		10	mcg/dL
VALPROIC ACID		>100	mcg/mL
CARBEMAZEPINE		>15.0	mcg/mL
PHENOBARBITAL		>40.0	mcg/mL
PHENYTOIN		>20.0	mcg/mL
THEOPHYLLINE		>20.0	mcg/mL
DIGOXIN		>2.0	ng/ml
LITHIUM		>1.3	mEq/L
VITAMIN D		>100	ng/ml

PROCEDURE:

Upon discovering a panic value, the following steps are immediately taken.

- Carefully inspect sample for integrity and repeat analysis.
- Perform a delta check.
- Critical values are verbally reported to the responsible physician/clinician and/or authorized person, and this will be documented in the laboratory report, the alert value log, and the alert value printout report.