

OUTREACH CRITICAL AND SEMI-URGENT VALUE LIST

Value	Definition	PDL will call result as follows:		
		Days of Week	Within	Hours of day
CRITICAL VALUES:	<i>Value that indicates a life-threatening pathophysiological state.</i>	Monday - Sunday	30 min	All Hours
SEMI-URGENT:	<i>Value that does not pose an immediate health threat but has near-term health consequences if not acknowledged and/or treated.</i>	Monday - Friday	4 hours	08:00 – 17:00
		Wknd/Holidays	4 hours	08:00 – 17:00
		After hours	4 hours	Next Business Day AM

NAME OF TEST	CRITICAL LOW	CRITICAL HIGH	SEMI-URGENT LOW	SEMI-URGENT HIGH	UNIT OF MEASURE
Acetaminophen				>50	ug/mL
Bicarbonate CO2			<10	>40	mmol/L
Bilirubin Adult				>17.0	mg/dL
Calcium			<6.0	>13.0	mg/dL
Carbamazepine				>15	ug/mL
Creatinine		>2.5 NEW ONSET (>12 month of age)		>8 AND ≥2 delta from previous (7-days) OR no previous value (year)	mg/dL
D-Dimer				>500	ng/mL FEU
Digoxin				>2.1	ng/mL
Fetal Fibronectin (fFN)	POSITIVE				
Fibrinogen			<50		mg/dL
Glucose		>500	<40		mg/dL
Hemoglobin	<7.0			>21.0	g/dL
Hematocrit	<22	>60			%
Iron				>500	ug/dL
Lithium				>1.5	mmol/L
Magnesium			<1.0	>4.8	mg/dL
Neutrophil, Absolute #			<0.4 NEW ONSET		K/uL
Phenobarbital				>50.0	ug/mL
Phenytoin				>20.0	ug/mL
Phosphorus			<1.2		mg/dL
Potassium (K ⁺)	<3.0	>6.0			mmol/L
Prograf (Tacrolimus)				>20.0	ng/mL
ProNT BNP (≥75 years)				>900	pg/mL
Platelet Count	<20,000	>1,000,000			cell/uL
Prothrombin Time		>100			seconds
Prothrombin Time PT INR		3.9			INR
Salicylate				>30	mg/dL
Sodium (Na ⁺)			<125	>155	mmol/L
Uric Acid				>12.0	mg/dL
Valproic Acid				>150	ug/mL
WBC	BLAST CELLS				
WBC (NEW ONSET VALUE ONLY)	<1,000	>35,000			cell/uL

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NAME OF TEST	CRITICAL LOW	CRITICAL HIGH	SEMI-URGENT LOW	SEMI-URGENT HIGH	UNIT OF MEASURE
PEDIATRIC PATIENTS (<1 MONTH)					
Bicarbonate CO ₂			<15	>40	mmol/L
Bilirubin, Total NBIL		>16			mg/dL
Calcium Ca ⁺⁺			<7.0	>12.0	mg/dL
Glucose		>200	<40		mg/dL
Hematocrit		>70			%
Hemoglobin	<8.0				g/dL
Ionized Calcium Ca ⁺⁺			<3.5	>6.0	mg/dL
Ketones (Urine) (<1 year)		POSITIVE			
Sodium Na ⁺			<130	>146	mmol/L

MICROBIOLOGY

CRITICAL VALUE	STERILE SITE:		
	<ul style="list-style-type: none"> BLOOD CSF BODY FLUID EYE SOURCES 	ANY ORGANISM DETECTED	
	PARASITE	<i>Babesia</i> <i>Plasmodium (Malaria)</i>	
	FUNGI	<i>Mucor</i> <i>Rhizopus</i>	
SEMI-URGENT VALUES	BACTERIA	<i>Brucella</i> <i>Burkholderia cepacia complex (BCC / B. cepacia complx)</i> <i>Neisseria meningitidis</i>	
		<i>Cryptococcus</i>	
		FUNGI	MOLD RESEMBLING: <i>BLASTOMYCES</i> MOLD RESEMBLING: <i>COCCIDIOIDES</i> MOLD RESEMBLING: <i>HISTOPLASMA</i>
	MYCOBACTERIA <i>Acid-fast bacilli (AFB)</i>	Xpert MTB/RIF PCR Positive	
		AFB Smear Positive For multiple specimen submissions on same patient: <ul style="list-style-type: none"> Only the <i>first</i> positive smear will be called 	
	PEDIATRIC PATIENTS	ORGANISM	PATIENT AGE
		<i>Bordetella pertussis</i>	≤6 MONTHS
		Herpes Simplex Virus (HSV)	≤6 MONTHS
		<i>Haemophilus influenzae</i>	≤5 YEARS
	STERILIZATION MONITORING	AUTOCLAVE SPORE STRIP TEST	RESULT
SPORE STRIP (KILIT)		Positive	