

**MAINEHEALTH CRITICAL LAB VALUES**

HEMATOLOGY	Soft test codes	AGE	LOW		HIGH		CONDITION	
							Inpatient	Outpatient
White Blood Count, Blood	WBC, WBCI	ALL	≤ 1.9	≥ 50.1			Initial only *	Call all, except known CLL/CML oncology patients with a critical WBC within the last year.
Hemoglobin, Blood	HGB, HGBI	ALL	≤ 6.5				Call all	Call all
Hematocrit, Blood	HCT, HCTI	ALL	≤ 19.0				Call all	Call all
Platelet count, Blood	PLAT, PLATI	ALL	≤ 39	≥ 1000			Initial only *	Call all
Blast Cells, Blood	BLAS2	ALL		≥ 6.0			Initial only *	Call all
Blast Cells, Cerebral Spinal fluid	BLASF	ALL		≥ 1.0			Initial only *	Call all
Schistocytes	SCHI2	ALL		3+			Call all	Call all
Blood Pathogens	PARAS	ALL	All RBC and WBC parasites by morphology and/or positive PCR				Initial only *	Call all
Wright -stained slides, Blood		ALL	Neutrophils with phagocytosed (intracellular) microorganisms (bacteria, yeast, etc) found in a normally sterile body fluid, i.e CSF, ventricular, synovial, serous fluids, and/or blood specimen. Only call if in neutrophils.				Call all	Call all
Malignant Cells, Body Fluids	CCFLD, SYNBF	ALL	Refer smear to Pathologist					

LIVE DATE: 8/14/23

\*For hospital Inpatients, once the "Initial" critical value is called, additional calls are not required for same admission.

COAGULATION	Soft test codes	AGE	LOW		HIGH		CONDITION	
							Inpatient	Outpatient
INR	INRR	ALL		≥ 5.0			Call all	Call all
PTT sec	PTT	ALL		≥ 150	Inpatients		Call all	Call all
		ALL		≥ 60	Outpatients			Call all
Fibrinogen mg/dL	FIBRI	ALL	≤ 99				Call all	Call all

LIVE DATE: 9/19/23

VOLATILES		AGE	LOW		HIGH		CONDITION	
Ethylene Glycol	ETHYG	ALL		Positive (any value)			Call all	Call all
Acetone	ACET	ALL		Positive (any value)			Call all	Call all
Isopropyl Alcohol	ISOPR	ALL		Positive (any value)			Call all	Call all
Methanol	METOH	ALL		Positive (any value)			Call all	Call all

LIVE DATE: 10/2/23

BLOOD GAS		AGE	LOW		HIGH		CONDITION	
pO2 mm Hg	PO2	ALL	≤ 50				Arterial, Call all	Call all
pCO2 mm Hg	PCO2	ALL	≤ 20	≥ 70			Arterial, Call all	Call all
CarboxyHemoglobin %	HBCO	ALL		≥ 15.0			Call all	Call all
MetHemoglobin %	METHB, METNI	ALL		≥ 5.0			Arterial, Call all	Call all
pH arterial	PH	ALL	≤ 7.20	≥ 7.60			Arterial, Call all	Call all
pH venous	PHVEN	ALL	≤ 7.20	≥ 7.50			Venous, Call all	Call all
pH venous Cord Blood	PHVC	ALL	≤ 6.99				Venous, Call all	Call all
Hemoglobin g/dL	THB	ALL	≤ 6.5				Arterial or Venous, Call all	Call all

LIVE DATE: 10/24/23

CHEMISTRY		AGE	LOW		HIGH		CONDITION	
Sodium mEq/L	NA, NA-WB, NAPL, NA-N, NAIS	ALL	≤ 119	≥ 161			Call all	Call all
Potassium mEq/L	K, K-N, K-WB, KPL, KSER, KIS	ALL	≤ 2.7	≥ 6.3			Call all	Call all
Glucose mg/dL	FBS, GLU, GLU-N, GLU1, GLU1C, GLU2, GLU2R, GLU3, GLUC,	ALL	≤ 6 MONTHS ≤ 44 > 6 MONTHS ≤ 44	≥ 201 ≥ 501			Call all	Call all
Calcium mg/dL	CA	ALL	≤ 5.9	≥ 13.1			Call all	Call all
Total Bilirubin mg/dL	BLIT	ALL	≤ 6 MONTHS ≤ 1.0	≥ 15.1			Call all	Call all
Magnesium mg/dL	MG	ALL	≤ 0.9	≥ 8.1			Call all	Call all
Phosphorus mg/dL	PHOS	ALL	≤ 1.0	≥ 9.1			Call all	Call all
Lactate mmol/L	LACT, LACWB	ALL		≥ 4.0			Initial only *	Call all
Sweat Chloride mmol/L	SWCLL, SWCLR	ALL		≥ 30.0			Call all	Call all
Troponin T ng/L	HSTB, HST2H, HST4H, HSCTN	ALL		> 50			** Exception: MMC and Brighton campuses: do NOT call	Call all
Troponin I ng/mL (backup method)	TPNI	ALL		≥ 0.05			Call all	Call all
Ionized Calcium mmol/L	CAION, IONCA, CA-N, CA-WB	ALL	≤ 0.75	≥ 1.60			Call all	Call all

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TOXICOLOGY / THERAPEUTIC DRUGS		AGE	LOW		HIGH		CONDITION	
ACETA ug/mL	ACETA	ALL		≥ 250.1			Call all	Call all
AMIK trough ug/mL	AMIKT	ALL		≥ 8.1			Call all	Call all
AMIK peak ug/mL	AMIKP	ALL		≥ 80.1			Call all	Call all
AMIK random ug/mL	AMIKA	ALL		≥ 80.1			Call all	Call all
CYA (Cyclosporine) ng/mL	CYA	ALL		≥ 301			Call all	Call all
DIG ng/mL	DIG	ALL		≥ 2.6			Call all	Call all
DILAN ug/mL	DILAN	ALL		≥ 35.1			Call all	Call all
ETOH mg/dL	ETOH	ALL		≥ 401			Call all	Call all
FPHNY ug/mL	FPHNY	ALL		≥ 3.1			Call all	Call all
GENT trough ug/mL	GENTT	ALL		≥ 2.1			Call all	Call all
GENT peak ug/mL	GENTP	ALL		≥ 20.1			Call all	Call all
GENT random ug/mL	GENT	ALL		≥ 2.1			Call all	Call all
LITH mEq/L	LITH	ALL	≤ 65	≥ 1.5			Call all	Call all
LITH mEq/L	LITH	ALL	>65	≥ 1.3			Call all	Call all
MTX umol/L	MTX	ALL		≥ 10.1			Call all	Call all
PHENO ug/mL	PHENO	ALL		≥ 60.1			Call all	Call all
SALIC mg/L	SALIC	ALL		≥ 400.1			Call all	Call all
TACRO ng/mL	TACRO	ALL		≥ 20.1			Call all	Call all
TEG (Carbamazepine) ug/mL	TEG	ALL		≥ 15.1			Call all	Call all
THEO ug/mL	THEO	ALL		≥ 20.1			Call all	Call all
TOBRA trough ug/mL	TOBRT	ALL		≥ 2.1			Call all	Call all
TOBRA peak ug/mL	TOBRP	ALL		≥ 25.1			Call all	Call all
TOBCF cystic fibrosis ug/mL	TOBCF	ALL		≥ 30.1			Call all	Call all
TOBRA random ug/mL	TOBRA	ALL		≥ 2.1			Call all	Call all
VALP ug/mL	VALP	ALL		≥ 150.1			Call all	Call all
VALPF (FREE)	VALPF	ALL		≥ 20.1			Call all	Call all
VANC trough ug/mL	VANCT	ALL		≥ 30.1			Call all	Call all
VANC random ug/mL	VANC	ALL		≥ 50.1			Call all	Call all

LIVE DATE: 1/30/24