

HEALTHEAST MEDICAL TRANSPORTATION
MEDICAL OPERATIONS MANUAL

Reference 4 Common Lab Values

Hematology	
RBC	M: 4.2-5.6 M/ul F: 3.8-5.1 M/ul Peds: 3.5-5 M/ul
WBC	M/F: 3.8-11 K/mm ³ Peds: 5-10 K/mm ³
Hgb	M: 14-18 g/dL F: 11-16 g/dL Peds: 10-14 g/dL Newborn: 15-25 g/dL
Hct	M: 39-54% F: 34-47% Peds: 30-42%
MCV	78-98fL
MCH	27-35 pg
MCHC	31-37%
Neutrophils	50-81%
Bands	1-5%
Lymphocytes	14-44%
Monocytes	2-6%
Eosinophils	1-5%
Basophils	0-1%
Cardiac Markers	
Troponin I <i>(onset 4-6 hrs, peak 12-24 hrs, return to normal 4-7 days)</i>	0-0.1 ng/ml
Troponin T <i>(onset 3-4 hrs, peak 10-24 hrs, return to normal 10-14 days)</i>	0-0.2 ng/ml
Myoglobin <i>(onset 1-3 hrs, peak 6-10 hrs, return to normal 12-24 hrs)</i>	M: 10-95 ng/ml F: 10-65 ng/ml
CK <i>(onset 4-6 hrs, peak 12-24 hrs, return to normal 3-4 days)</i>	M: 96-140 U/L F: 38-174 U/L
CK-MB <i>(onset 3-4 hrs, peak 12-24 hrs, return to normal 2-3 days)</i>	0-4 ng/mL
General Chemistry	
Albumin	3.5-5 gm/dL
Anion Gap	5-16 mEq/L
Ammonia	11-35 umol/L
Amylase	50-150 U/dL
BUN	6-23 mg/dl
Calcium	8-11 mg/dL

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Carbon Dioxide	21-34 mEq/L
Chloride	96-112 mEq/L
Creatine	M: 0.2-0.6 mg/dL F: 0.6-1 mg/dL
Creatinine	0.6-1.5 mg/dL
Folic Acid	2-21 ng/mL
Glucose	80-110 mg/dL
Iron	52-169 ug/dL
Lactic Acid	0.4-2.3 mEq/L
Lipase	10-140 U/L
Magnesium	1.5-2.5 mg/dL
Potassium	3.5-5.5 mEq/L
Protein	6-9 gm/dL
Sodium	135-148 mEq/L
Urea Nitrogen	8-25 mg/dL
Uric Acid	M: 3.5-7.7 mg/dL F: 2.5-6.6 mg/dL
Urine	
Color	Straw
Specific Gravity	1.003-1.040
pH	4.6-8.0
Na	10-40 mEq/L
K	<8 mEq/L
Cl	<8 mEq/L
Protein	1-15 mg/dL
Osmolality	80-1300 mOsm/L
Coagulation	
ACT	90-130 seconds
APTT	21-35 seconds
Platelets	140,000-450,000/ml
Plasminogen	62-130%
PT	10-14 seconds
PTT	32-45 seconds
FSP	<10 ug/dL
Fibrinogen	160-450 mg/dL
Bleeding Time	3-7 minutes
Thrombin Time	11-15 seconds
Arterial Blood Gases	
pH	7.35-7.45
PaCO ₂	35-45 mmHg
HCO ₃ ⁻	22-26 mEq/L
O ₂ Saturation	96-100%
PaO ₂	85-100 mmHg
Base Excess	-2 to +2 mmol/L