

Laboratory Values*

Complete Blood Cell Count		Blood Chemistry	
Red blood cells (RBC)	4.25-6.1 x 10/ml (males) 3.6-5.4 x 10/ml (females)	Sodium (Na ⁺)	135-145 mEq/L
White blood cells (WBC)	5000-10,000/mm ³	Potassium (K ⁺)	3.5-4.5 mEq/L
Hemoglobin (Hgb)	13-18 g/dl (males) 12-16 g/dl (females)	Chloride (Cl ⁻)	98-106 mEq/L
Hematocrit (Hct)	45%-54% (males) 37%-47% (females)	Carbon dioxide (CO ₂)	24-32 mEq/L
		Blood urea nitrogen (BUN)	7-25 mg/dl
		Creatinine (Cr)	0.7-1.3 mg/dl (males) 0.6-1.2 mg/dl (females)
		Glucose	70-110 mg/dl
		Calcium (Ca ⁺⁺)	8.5-10.5 mg/dl
		Magnesium (Mg)	1.3-2.1 mg/dl
		Phosphorus	3.0-4.5 mg/dl
		Osmolality	275-295 mOsm/kg
Coagulation		Bilirubin	
Platelet	150,000-350,000/ml	Direct	0-0.2 mg/dl
Prothrombin time (PT)	10-14 sec	Total	0.2-1.0 mg/dl
Partial thromboplastin time (PTT)	30-45 sec	Indirect is total minus direct	
Thrombin time (TT)	Control ± 5 sec	Amylase	50-150 U/L
Fibrinogen split products (FSP)	Negative reaction at >1:4 dilution	Lipase	0-110 U/L
Iron/ferritin (Fe) (deficiency)	0-20 ng/ml	Anion gap	8-16 mEq/L
Reticulocyte count	0.5%-1.5% of RBC		
Urine Electrolytes			
Sodium (Na ⁺)	40-220 mEq/L		
Potassium (K ⁺)	25-125 mEq/L		
Chloride (Cl ⁻)	110-250 mEq/L		

*Averages may vary per facility.

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