



Normal Lab Values
 Normal values will vary from lab to lab.

Complete Blood Count (CBC)

Test Acronym	Meaning	Normal Range Values (Male)	Normal Range Values (Female)
WBC	Number of white blood cells	3.5-10.5 x 10 ⁹ /L	3.5-10.5 x 10 ⁹ /L
RBC	Number of red blood cells	4.7 to 6.1 million cells/mcL	4.2 to 5.4 million cells/mcL
HGB	Hemoglobin level	13.8-17.2 g/dL	12.1-15.1 g/dL
HCT	Hematocrit	40.7-50.3%	36.1-44.3%
MCV	Mean corpuscular volume	80-100 fL	80-100 fL
MCH	Mean corpuscular hemoglobin	27-31 pg	27-31 pg
MCHC	Mean corpuscular hemoglobin concentration	32-36 g/dL	32-36 g/dL
RDW	Red cell distribution width	11.8-15.6%	11.9-15.5%
PLT	Number of platelets	150-450 x 10 ⁹ /L	150-450 x 10 ⁹ /L

White Blood Cell Differential (Diff)

Test	Meaning	Normal Range Values
Neuts.%	Percentage of Neutrophils	40% to 60%
Lymphs%	Percentage of Lymphocytes	20% to 40%
Monos.%	Percentage of Monocytes	2% to 8%
Eos.%	Percentage of Eosinophils	1% to 4%
Baso.%	Percentage of Basophils	0.5% to 1%
Neuts.# (ANC)	Absolute Neutrophil Count	1.70-7.00 x 10 ⁹ /L
Lymphs# (ALC)	Absolute Lymphocyte Count	1.00-4.80 x 10 ⁹ /L
Monos#	Number of Monocytes	0.30-0.90 x 10 ⁹ /L
Eos#	Number of Eosinophils	0.05-0.50 x 10 ⁹ /L
Baso#	Number of Basophils	0.00-0.30 x 10 ⁹ /L

Chemistry and Serum

Test	Normal Range Values
Sodium (Na)	135-147 mEq/L
Potassium (K)	3.5-5.5 mEq/L
Chloride (Cl)	98-106 mEq/L
Magnesium (Mg)	1.5-3.0 mEq/L
Bicarbonate (CO ₂)	23-29 mEq/L
Calcium (Ca)	8.5 to 10.2 mg/dL
SGPT or ALT	10 to 40 IU/L
LDH	105 - 333 IU/L
Alkaline Phosphatase (ALP)	44 to 147 IU/L
Bilirubin	<1.0 mg/dL total or 0.4 mg/dL direct
Creatinine (Cr)	0.6 - 1.3 mg/dL
Blood Urea Nitrogen (BUN)	6 - 20 mg/dL.
Albumin	3.5-5.5 g/dL
Globulin	1.5-3.5 g/dL
Total Protein	6.3-8.0 g/dL
Glucose	80-120 mg/dL
Beta-2 Microglobulin (B2M)	1.21-2.70 mcg/mL
Immunoglobulin A (IgA)	61-356 mg/dL
Immunoglobulin G (IgG)	767-1,590 mg/dL
Immunoglobulin M (IgM)	37-286 mg/dL