

Complete Blood Count (CBC)

Test	Result	Reference Range
Hemoglobin	9.4 g/dL	12.0 – 16.0 g/dL
Hematocrit	29.1%	36 – 46%
Red Blood Cell Count (RBC)	4.10 ×10 ⁶ /μL	4.2 – 5.4 ×10 ⁶ /μL
Mean Corpuscular Volume (MCV)	71 fL	80 – 96 fL
Mean Corpuscular Hb (MCH)	23 pg	27 – 33 pg
Mean Corpuscular Hb Conc. (MCHC)	30 g/dL	32 – 36 g/dL
Red Cell Distribution Width (RDW)	18.5%	11.5 – 14.5%
White Blood Cell Count (WBC)	6.8 ×10 ³ /μL	4.0 – 10.0 ×10 ³ /μL
Platelet Count	420 ×10 ³ /μL	150 – 400 ×10 ³ /μL

Iron Studies

Test	Result	Reference Range
Serum Iron	28 μg/dL	60 – 170 μg/dL
Total Iron Binding Capacity (TIBC)	445 μg/dL	250 – 400 μg/dL
Transferrin Saturation	6%	20 – 50%
Serum Ferritin	7 ng/mL	15 – 150 ng/mL

Reticulocyte and Related

Test	Result	Reference Range
Reticulocyte Count	0.6%	0.5 – 2.0%
Absolute Reticulocyte Count	0.025 ×10 ⁶ /μL	0.025 – 0.075 ×10 ⁶ /μL

Basic Metabolic Panel

Test	Result	Reference Range
Sodium	139 mmol/L	135 – 145 mmol/L
Potassium	4.1 mmol/L	3.5 – 5.1 mmol/L
Chloride	103 mmol/L	98 – 107 mmol/L
Bicarbonate	24 mmol/L	22 – 29 mmol/L
Blood Urea Nitrogen (BUN)	13 mg/dL	7 – 20 mg/dL
Creatinine	0.8 mg/dL	0.6 – 1.2 mg/dL
Glucose (fasting)	92 mg/dL	70 – 99 mg/dL

Liver Function Tests

Test	Result	Reference Range
AST (SGOT)	18 U/L	10 – 40 U/L
ALT (SGPT)	21 U/L	7 – 56 U/L
Alkaline Phosphatase	87 U/L	40 – 129 U/L
Total Bilirubin	0.7 mg/dL	0.2 – 1.2 mg/dL
Albumin	4.2 g/dL	3.5 – 5.0 g/dL
Total Protein	7.0 g/dL	6.0 – 8.3 g/dL

Vitamin Levels

Test	Result	Reference Range
Vitamin B12	410 pg/mL	200 – 900 pg/mL

Serum	9.8 ng/mL	> 4.0 ng/mL
Folate		

Inflammation Markers (optional)

Test	Result	Reference Range
C-Reactive Protein (CRP)	2.1 mg/L	< 5.0 mg/L