

002_b

Laboratory Results

CBC with Differential

Parameter	Result	Reference Range
WBC Count	6.5 x 10 ⁹ /L	6.0 - 15.0 x 10 ⁹ /L
Hemoglobin	11.5 g/dL	10.5 - 14.0 g/dL
Hematocrit	34%	32% - 42%
MCV	72 fL	70 - 86 fL
MCH	23 pg	24 - 30 pg
MCHC	32 g/dL	31 - 36 g/dL
Platelet Count	250 x 10 ⁹ /L	150 - 450 x 10 ⁹ /L

Differential:

- Neutrophils: 55% (absolute: 3.6 x 10⁹/L)
- Lymphocytes: 38% (absolute: 2.5 x 10⁹/L)
- Monocytes: 5% (absolute: 0.4 x 10⁹/L)
- Eosinophils: 1% (absolute: 0.1 x 10⁹/L)
- Basophils: 1% (absolute: 0.1 x 10⁹/L)

Comprehensive Metabolic Panel (CMP)

Parameter	Result	Reference Range
Glucose	90 mg/dL	70 - 100 mg/dL
BUN	10 mg/dL	5 - 18 mg/dL

Creatinine	0.5 mg/dL	0.3 - 0.7 mg/dL
Sodium	140 mEq/L	135 - 145 mEq/L
Potassium	4.1 mEq/L	3.5 - 5.0 mEq/L
Chloride	104 mEq/L	98 - 107 mEq/L
Bicarbonate	24 mEq/L	22 - 28 mEq/L
Calcium	9.0 mg/dL	8.5 - 10.5 mg/dL
Total Protein	6.5 g/dL	6.0 - 8.0 g/dL
Albumin	4.0 g/dL	3.5 - 5.0 g/dL
Alkaline Phosphatase	150 U/L	100 - 300 U/L
AST (SGOT)	20 U/L	15 - 40 U/L
ALT (SGPT)	18 U/L	10 - 35 U/L
Bilirubin (Total)	0.5 mg/dL	0.1 - 1.2 mg/dL