

Patient: John Doe **Date:** 2024-06-10

Complete Blood Count (CBC)

- **White Blood Cells (WBC):** 7,500 / μ L (Normal: 4,500-11,000)
- **Red Blood Cells (RBC):** 4.8 million / μ L (Normal: 4.2-5.4 million)
- **Hemoglobin (Hgb):** 14.5 g/dL (Normal: 13.5-17.5)
- **Hematocrit (Hct):** 42% (Normal: 40-50%)
- **Platelets:** 250,000 / μ L (Normal: 150,000-450,000)

Basic Metabolic Panel (BMP)

- **Sodium (Na):** 140 mEq/L (Normal: 135-145)
- **Potassium (K):** 4.2 mEq/L (Normal: 3.5-5.0)
- **Chloride (Cl):** 100 mEq/L (Normal: 98-106)
- **Carbon Dioxide (CO₂):** 28 mEq/L (Normal: 22-30)
- **Blood Urea Nitrogen (BUN):** 18 mg/dL (Normal: 7-20)
- **Creatinine:** 1.0 mg/dL (Normal: 0.8-1.2)
- **Glucose:** 95 mg/dL (Normal: 70-100)

Lipid Panel

- **Total Cholesterol:** 180 mg/dL (Normal: <200)
- **LDL Cholesterol ("bad" cholesterol):** 120 mg/dL (Normal: <130)
- **HDL Cholesterol ("good" cholesterol):** 60 mg/dL (Normal: >60)
- **Triglycerides:** 150 mg/dL (Normal: <150)

Liver Function Tests (LFTs)

- **ALT (SGPT):** 30 U/L (Normal: <35)
- **AST (SGOT):** 25 U/L (Normal: <30)
- **Alkaline Phosphatase (ALP):** 80 U/L (Normal: 40-130)