

Comprehensive Blood Report

Name: John Doe
Age/Sex: 19 / Male
Date: 04-Nov-2025

1. Complete Blood Count (CBC)

Test	Result	Reference Range	Status
Hemoglobin (Hb)	12.4 g/dL	13.0 - 17.0 g/dL	⚠️ Low (Mild Anemia)
RBC Count	4.2 mill/μL	4.5 - 5.9	⚠️ Slightly Low
WBC Count	7,200 /μL	4,000 - 11,000	✅ Normal
Platelet Count	250,000 /μL	150,000 - 400,000	✅ Normal
Hematocrit (HCT)	38%	40 - 50%	⚠️ Slightly Low

🍔 2. Lipid Profile

Test	Result	Reference Range	Status
Total Cholesterol	220 mg/dL	< 200	⚠️ High
LDL (Bad Cholesterol)	145 mg/dL	< 130	⚠️ High
HDL (Good Cholesterol)	38 mg/dL	> 40	⚠️ Low
Triglycerides	175 mg/dL	< 150	⚠️ Slightly High
VLDL	30 mg/dL	5 - 35	✅ Normal

🍬 3. Blood Sugar Levels

Test	Result	Reference Range	Status
Fasting Blood Sugar	108 mg/dL	70 - 100	⚠️ Borderline High
Postprandial (After Meal)	128 mg/dL	< 140	✅ Normal
HbA1c	5.8%	< 5.6%	⚠️ Prediabetes Range

4. Liver Function Test (LFT)

Test	Result	Reference Range	Status
SGPT (ALT)	34 U/L	10 - 40	✓ Normal
SGOT (AST)	28 U/L	10 - 40	✓ Normal
Alkaline Phosphatase	95 U/L	44 - 147	✓ Normal
Total Bilirubin	0.9 mg/dL	0.2 - 1.2	✓ Normal

🔹 5. Kidney Function Test (KFT)

Test	Result	Reference Range	Status
Serum Creatinine	0.9 mg/dL	0.6 - 1.3	✓ Normal
Blood Urea	27 mg/dL	15 - 40	✓ Normal
Uric Acid	7.3 mg/dL	3.4 - 7.0	⚠ <i>Slightly High</i>

6. Electrolytes

Test	Result	Reference Range	Status
Sodium (Na ⁺)	139 mmol/L	135 - 145	✓ Normal
Potassium (K ⁺)	4.2 mmol/L	3.5 - 5.1	✓ Normal
Chloride (Cl ⁻)	102 mmol/L	98 - 107	✓ Normal