

# Blood Analysis Report

Medix  
Healthcare

Physician	Dr. Jane Smith	Test Location	Medix Healthcare Laboratory
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## Patient Demographics

Patient ID		Gender	
Patient Name		Date of Birth	

## Test Summary

### Complete Blood Count (CBC)

Hemoglobin	14.5 g/dL	White Blood Cell Count	6,500 cells/ $\mu$ L
Hematocrit	43%	Platelet Count	250,000 cells/ $\mu$ L

### Lipid Panel

Total Cholesterol	190 mg/dL	High-Density Lipoprotein	50 mg/dL
Low-Density Lipoprotein	120 mg/dL	Triglycerides	150 mg/dL

### Blood Glucose Level

Fasting Glucose	90 mg/dL
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### Comprehensive Metabolic Panel (CMP)

Sodium	140 mmol/L	Blood Urea Nitrogen (BUN)	15 mg/dL
Potassium	4.2 mmol/L	Creatinine	1.0 mg/dL
Chloride	102 mmol/L	Glucose	90 mg/dL
Bicarbonate	24 mmol/L	Calcium	9.5 mg/dL

## Interpretation

CBC	All values within normal limits, indicating no signs of anemia or infection.
Lipid Panel	Total cholesterol and triglycerides are within normal ranges, but LDL is slightly elevated; lifestyle modifications recommended.
Blood Glucose	Normal fasting glucose level indicates good glycemic control.
CMP	All parameters are within normal limits, indicating proper kidney and metabolic function.

## Recommendations

- Maintain a balanced diet and regular exercise to manage cholesterol levels.
- Follow up in 6 months for repeat testing.

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