

# Lab and Diagnostic Report

## Patient Information

**Name:** John Smith  
**Age:** 56  
**Date of Birth:** 1968-05-15  
**Hospital:** City General Hospital  
**Date of Report:** 2024-09-14  
**Doctor:** Dr. Michael Johnson

## Complete Blood Count (CBC)

Parameter	Value	Reference Range
White Blood Cells	6.5x10 <sup>9</sup> /L	4.0-11.0 x 10 <sup>9</sup> /L
Hemoglobin	14.2 g/dL	13.0-17.0 g/dL
Hematocrit	42%	38.0-50.0%
Platelet Count	300x10 <sup>9</sup> /L	150-400 x 10 <sup>9</sup> /L

## Lipid Profile

Parameter	Value	Reference Range
Total Cholesterol	220 mg/dL	<200 mg/dL
LDL	145 mg/dL	<100 mg/dL
HDL	40 mg/dL	>40 mg/dL
Triglycerides	190 mg/dL	<150 mg/dL

## Interpretation

Lipid profile indicates increased cardiovascular risk; dietary modification recommended.

## Recommendations

Schedule a follow-up in 1 month for lipid panel re-evaluation.