

MEDICAL LABORATORY REPORT

Patient ID: 2045

Age: 73 Sex: Male

VITALS

Blood Pressure: 162/98 mmHg

Heart Rate: 114 bpm

LIPID PANEL

Total Cholesterol: 276 mg/dL

HDL Cholesterol: 32 mg/dL

LDL Cholesterol: 196 mg/dL (very high)

Triglycerides: 311 mg/dL (high)

METABOLIC

Glucose (Fasting): 168 mg/dL (elevated)

HbA1c: 7.9%

ADDITIONAL CARDIAC MARKERS

hs-CRP: 7.2 mg/L (high inflammation)

Troponin-I (hs): 18 ng/L (borderline elevation)

INTERPRETATION SUMMARY (Risk indicators)

- Very high LDL & triglycerides → atherosclerotic risk
- HDL unusually low → poor protective profile
- Hypertension stage 2
- Glucose + HbA1c indicate uncontrolled diabetes, strong risk factor
- Elevated hs-CRP suggests active vascular inflammation

Overall profile: high probability of cardiovascular disease or impending cardiac event if unmanaged.