

LABORATORY REPORT: LIPID PANEL

PATIENT INFORMATION

Name: John Doe
Date of Birth: 05/15/1980
Patient ID: P-1001
Collection Date: February 28, 2023
Report Date: March 2, 2023
Ordering Physician: Dr. Michael Chen

LIPID PANEL RESULTS

Test	Result	Reference Range
Total Cholesterol	195 mg/dL	<200 mg/dL
HDL Cholesterol	45 mg/dL	>40 mg/dL
LDL Cholesterol	120 mg/dL	<100 mg/dL
Triglycerides	150 mg/dL	<150 mg/dL
Non-HDL Cholesterol	150 mg/dL	<130 mg/dL
Total Cholesterol/HDL Ratio	4.3	<5.0

INTERPRETATION

- LDL cholesterol is borderline high >100 mg/dL.
- Triglycerides are at the upper limit of normal range.
- HDL cholesterol is acceptable but could be improved.
- Non-HDL cholesterol is elevated.

RECOMMENDATIONS

1. Continue current statin therapy $\text{Atorvastatin } 20\text{mg daily}$.
2. Dietary modifications recommended: reduce saturated fat and increase fiber intake.
3. Regular exercise of at least 150 minutes per week is advised.
4. Follow-up lipid panel in 3 months to assess response to therapy.

CARDIOVASCULAR RISK ASSESSMENT

Based on the patient's lipid profile and other risk factors $\text{hypertension, diabetes}$, the estimated 10-year ASCVD risk is moderate.

This laboratory report is confidential and intended only for the addressee.

Laboratory Director: James Wilson, MD, PhD
Reviewed by: Dr. Michael Chen
Central Medical Laboratory, CLIA #: 12D3456789