MAYO CLINIC LABORATORIES

Test Definition: FLDLD

LDL Cholesterol, Direct

Overview

Method Name
Quantitative Detergent Solubilization

NY State Available
Yes

Specimen

Specimen Type
Serum

Specimen Required
Collection Container/Tube:
Preferred: Serum gel
Acceptable: Red top
Specimen Volume: 1 mL Serum
Collection Instructions:
1. Centrifuge and aliquot 1 mL of serum into a plastic vial.
2. Send refrigerate.

Specimen Minimum Volume
Serum: 0.5 mL

Reject Due To

All specimens will be evaluated by the processing and performing laboratories for test suitability.

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Serum	Refrigerated (preferred)	7 days	
	Frozen	365 days	

Clinical & Interpretive

Clinical Information
Refer to https://ltd.aruplab.com/Search/Browse

Reference Values

0-19 years:
Desirable: 109 mg/dL or less
Borderline: 110-129 mg/dL
Higher risk: 130 mg/dL or greater

20 years and older:
Desirable: 129 mg/dL or less (99 mg/dL or less if patient has CHD)
Borderline: 130-159 mg/dL
Higher risk: 160 mg/dL or greater

Interpretation

CHD Risk Factors:
+1 Age: Men 45 years and older
+1 Age: Women 55 years and older or premature menopause without estrogen therapy
+1 Family history of premature CHD
+1 Current smoking
+1 Hypertension
+1 Diabetes mellitus
+1 Low HDL cholesterol: 39 mg/dL or less
-1 High HDL cholesterol: 60 mg/dL or greater

LDL Cholesterol: Therapeutic goal
99 mg/dL or less if CHD is present (Optional 69 mg/dL or less)
129 mg/dL or less if no CHD and two or more risk factors
159 mg/dL or less if no CHD
(Circulation 2004; 110:227-39)

Performance

PDF Report

No

Day(s) Performed

Monday through Sunday

Report Available

3 to 5 days

Performing Laboratory Location

ARUP Laboratories

Fees & Codes

Fees

- Authorized users can sign in to Test Prices for detailed fee information.
- Clients without access to Test Prices can contact Customer Service 24 hours a day, seven days a week.
- Prospective clients should contact their account representative. For assistance, contact Customer Service.

CPT Code Information

83721

LOINC® Information

Test ID	Test Order Name	Order LOINC® Value
FLDLD	LDL Cholesterol, Direct	18262-6

Result ID	Test Result Name	Result LOINC® Value
FLDLD	LDL Cholesterol, Direct	18262-6