

Overview

**Method Name**  
Quantitative Detergent Solubilization/Enzymatic

**NY State Available**  
Yes

Specimen

**Specimen Type**  
Serum

**Specimen Required**  
**Collection Container/Tube:**  
**Preferred:** Serum gel  
**Acceptable:** Red top  
**Specimen Volume:** 1.0 mL  
**Collection Instructions:**  
1. Draw blood in a serum gel tube(s), plain red-top tube is also acceptable.  
2. Centrifuge and aliquot 1.0 mL of serum into a plastic vial.  
3. Send refrigerate.

**Specimen Minimum Volume**  
0.5 mL

**Reject Due To**

Specimen Stability Information

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

Clinical & Interpretive

**Reference Values**  
0-19 years:  
Desirable: 109 mg/dL or less

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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; 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**

Sunday through Saturday

**Report Available**

1 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