

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

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