

**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:** 1.0 mL**Collection Instructions:**

1. Centrifuge and aliquot 1.0 mL of serum into a plastic vial.
2. 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

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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**

Sunday through Saturday

**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.

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- 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