

**Overview****Method Name**

Quantitative Detergent Solubilization/Enzymatic

**NY State Available**

Yes

**Specimen****Specimen Type**

Serum

**Specimen Required**

Draw blood in a serum gel tube(s), plain red-top tube is also acceptable. Spin down and send 1 mL of serum refrigerate.

**Specimen Minimum Volume**

0.5 mL

**Reject Due To**

Hemolysis	NA
Lipemia	NA
Icterus	NA
Other	NA

**Specimen Stability Information**

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

**Clinical & Interpretive****Reference Values**

Age	Desirable	Borderline	Higher Risk
0 – 19 years	109 mg/dL or less	110 – 129 mg/dL	130 mg/dL or greater
20 years and older	129 mg/dL or less (99 mg/dL or less if patient has	130 – 159	160 mg/dL or greater

CHD)

mg/dL

**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	2089-1

Result ID	Test Result Name	Result LOINC® Value
FLDLD	LDL Cholesterol, Direct	2089-1