

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

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.

- 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 |
|---------|-------------------------|--------------------|
| FLDDL | LDL Cholesterol, Direct | 18262-6 |

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