



# Test Definition: CHOL

Cholesterol, Total, Serum

**Reporting Title:** Cholesterol, Total, S

**Performing Location:** Mayo Clinic Laboratories - Rochester Main Campus

**Specimen Requirements:**

**Collection Container/Tube:**

**Preferred:** Serum gel

**Acceptable:** Red top

**Submission Container/Tube:** Plastic vial

**Specimen Volume:** 0.5 mL

**Collection Instructions:**

1. Serum gel tubes should be centrifuged within 2 hours of collection.
2. Red-top tubes should be centrifuged and the serum aliquoted into a plastic vial within 2 hours of collection.

**Forms:**

If not ordering electronically, complete, print, and send 1 of the following forms with the specimen:

[-Kidney Transplant Test Request](#)

[-Cardiovascular Test Request \(T724\)](#)

Specimen Type	Temperature	Time	Special Container
Serum	Refrigerated (preferred)	7 days	
	Frozen	90 days	

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
CHOL	Cholesterol, Total, S	Numeric	mg/dL	2093-3

LOINC® and CPT codes are provided by the performing laboratory.

**Supplemental Report:**

No

**CPT Code Information:**

82465

**Reference Values:**

The National Lipid Association and the National Cholesterol Education Program have set the following guidelines for lipids in a context of cardiovascular disease for adults 18 years old and older:

TOTAL CHOLESTEROL

Desirable: <200 mg/dL

Borderline High: 200-239 mg/dL

High: > or =240 mg/dL

The Expert Panel on Integrated Guidelines for Cardiovascular Health and Risk Reduction in Children and Adolescents has set the following guidelines for lipids in a context of cardiovascular disease for children 2 to 17 years of age:

**TOTAL CHOLESTEROL**

Acceptable: &lt;170 mg/dL

Borderline High: 170-199 mg/dL

High: &gt; or =200 mg/dL

Reference values have not been established for patients who younger than 24 months of age.