

Cholesterol, Total

CPT Code: 82465

Order Code: C117

ABN Requirement: No

Synonyms: Chol; Cholesterol

Specimen: Serum

Volume: 0.5 mL

Minimum Volume: 0.2 mL

Container: Gel-barrier tube (SST, Tiger Top)

Collection:

1. Collect and label sample according to standard protocols.
2. Gently invert tube 5 times immediately after draw. DO NOT SHAKE.
3. Allow blood to clot 30 minutes.
4. Centrifuge for 10 minutes.

Fasting: Not Required.

Transport: Store serum or at 2°C to 8°C after collection and ship the same day per packaging instructions provided with the Cleveland HeartLab shipping box.

Stability:

Ambient (15-25°C): 7 days

Refrigerated (2-8°C): 7 days

Frozen (-20°C): 3 months

Deep Frozen (-70°C): 3 months

Causes for Rejection: Specimens other than serum; improper labeling; samples not stored properly; samples older than stability limits

Methodology: Enzymatic Colorimetric Assay

Turn Around Time: 1 to 3 days

Relative Risk:

Age	Low Risk mg/dL	Moderate Risk mg/dL	High Risk mg/dL
<20 years	<170	N/A	≥170
≥20 years	<200	N/A	≥200

Clinical Significance: A cholesterol test is used as a screening tool to determine risk of developing cardiovascular disease. While regular testing is recommended for all adults, more frequent testing is recommended for individuals with established cardiovascular disease or those with a family history of cardiovascular disease, as well as individuals at risk of developing cardiovascular disease. Cholesterol testing can also be used to monitor the efficacy of lifestyle changes or lipid-lowering therapy.

Limitations: In very rare cases gammopathy may cause unreliable results. Acetaminophen use can falsely decrease test results.

The CPT codes provided are based on AMA guidelines and are for informational purposes only. CPT coding is the sole responsibility of the billing party. Please direct any questions regarding coding to the payer being billed.