

LAB60 Cholesterol, Total

BMC

Performing Location(s)

BMC

Specimen Type

Serum or Plasma

Preferred Container

Gold or Red top tube

Alternate Container

Green top tube

Minimum Volume to Submit for Testing

0.5 mL Serum or Plasma

Multiple test can be performed from this volume.

For question please contact the lab at 547-3975.

Storage Requirements

Sample tubes should be centrifuged within 2 hours of collection followed by transfer of the serum (red) or plasma (green top) to a labeled plastic, aliquot tube.

Gold tops do not need to be aliquoted

See Causes of Rejection for temperature requirements.

Transportation Needs

Deliver specimen to laboratory within 1 hour of collection if unspun.

If not possible see "Storage Requirements".

Causes for Rejection

Mislabeled or unlabeled specimen

Less than 50% draw for vacutainer tubes

> 7 days refrigerated

> 24 hours room temperature

> 3 months frozen

Hemolysis > 500 mg/dL HgB

Lipemia > 1000 mg/dL Trig

Bilirubin > 8 mg/dL Bili

Reference Values

Risk Classification (NCEP III Guidelines)					
>18 Years of Age					
Parameter	Units	Range	Desirable	Borderline	High Risk
Total Cholesterol	mg/dL	<200	< 200	200 - 239	≥ 239

Risk Classification (NCEP III Guidelines)					
≤ 18 Years of Age					
Parameter	Units	Range	Desirable	Borderline	High Risk
Total Cholesterol	mg/dL	120 - 170	< 170	170 - 199	≥ 200

Available STAT

No

Methodology

Beckman AU/Dx Series

CPT Code

82465