

NA Cholesterol, LDL (calculated)

BMC



Important Note

This test is NOT ORDERABLE IN EPIC. Can only be ordered in Central Lab.

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/Plasma

Storage Requirements

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

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".

Reference Values

Risk Classification (NCEP III Guidelines)						
The National Cholesterol Education Program Adult Treatment Panel III (NCEP- ATP III) provides the following classifications of LDL concentrations:						
> 18 Years of Age						
Parameter	Units	Range	Desirable	Borderline	High Risk	Very High
LDL Cholesterol	mg/dL	75 – 193 < 100 Optimal	< 130	130 – 159	160 – 189	≥ 190
≤ 18 Years of Age						
Parameter	Units	Range	Desirable	Borderline	High	
LDL Cholesterol	mg/dL	50 - 110	< 110	110 - 129	≥ 130	

Causes for Rejection

Mislabeled or unlabeled specimen.

Less than 50% draw for vacutainer tubes

> 5 days refrigerated

> 24 hours room temp

> 3 months frozen $\geq -70^{\circ}\text{C}$

No add-ons to plasma > 8 hours

Hemolysis > 500 mg/dL HgB

Lipemia > 900 mg/dL Trig

Bilirubin > 40 mg/dL Bili

Available STAT

No

Methodology

Calculated from the components of CVPC

CPT Code

See individual components