

**TEST CHANGE**

**Apolipoprotein B**

0050029, APO B-100

**Specimen Requirements:**

Patient Preparation: Fasting specimen.

Collect: Serum separator tube, ~~plasma separator tube, K2EDTA, lithium heparin-~~

Specimen Preparation: Allow specimen to clot completely at room temperature.  
Separate serum or plasma from cells ASAP or within 2 hours of collection. Transfer 1 mL serum or plasma to an ARUP standard transport tube. ~~Standard Transport Tube.~~ (Min: 0.5 mL)

Transport Temperature: Refrigerated.

Unacceptable Conditions: ~~Hemolyzed specimens.~~

**Remarks:**

Stability: After separation from cells: Ambient: ~~24~~8 hours; Refrigerated: 8 days; Frozen: ~~2~~3 months

Methodology: Quantitative ~~Immunturbidimetry~~Nephelometry

Performed: Sun-Sat

Reported: Within 24 hours

Note: This protein is found in low density lipoprotein.

CPT Codes: 82172

New York DOH Approval Status: This test is New York DOH approved.

**Interpretive Data:**

A desirable fasting serum Apo B concentration for the prevention of atherosclerotic cardiovascular disease in adults ~~in adults~~ is less than 90 mg/dL. ~~A or less. A borderline-high~~ fasting serum Apo B concentration of 130 mg/dL or greater corresponds to a LDL cholesterol ~~in adults is 90 to 99 mg/dL.~~ ~~A high fasting serum Apo B~~ concentration greater than 160 mg/dL ~~in adults is 100 to 130 mg/dL.~~ ~~A very high fasting serum Apo B concentration in adults is greater than 130 mg/dL.~~

~~Access complete set of age- and~~ constitutes a risk enhancing factor for atherosclerotic cardiovascular disease in adults. ~~/or gender-specific reference intervals for this test in the ARUP Laboratory Test Directory (aruplab.com).~~

Reference Interval:

Male: ~~66-133~~~~55-140~~ mg/dL

Female: ~~60-117~~~~55-125~~ mg/dL

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