

Apolipoprotein B (ApoB)

CPT Code: 82172

Order Code: C123

ABN Requirement: No

Synonyms: Apo B; Apo B100; Beta Apolipoprotein

Specimen: Serum

Volume: 1.0 mL

Minimum Volume: 0.5 mL

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

Collection:

Serum:

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.

Patient Preparation: Patient should be fasting 12 to 14 hours

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

Stability:

Ambient (15-25°C): 7 days

Refrigerated (2-8°C): 10 days

Frozen (-20°C): 30 days

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

Methodology: Immunoturbidimetric Assay

Turn Around Time: 1 to 3 days

Relative Risk:

Clinical Significance: Apolipoprotein B-100 is the primary protein associated with LDL cholesterol and other lipid particles. Like LDL cholesterol, increased concentrations are associated with increased risk of cardiovascular disease.

Limitations: In very rare cases gammopathy, particularly of the monoclonal IgM type (e.g., Waldenstrom macroglobulinemia), may cause unreliable 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.