

Apolipoprotein A-1

Test ID: 4105

CPT: 82172

Clinical Significance

Apolipoprotein A1 (ApoA1) is the primary protein associated with high-density lipoprotein (HDL) particles, and plays a central role in reverse cholesterol transport.(1) HDL cholesterol (HDL-C) and ApoA1 concentrations are inversely related to the risk for coronary artery disease (CAD).(2) There are a variable number of ApoA1 proteins per HDL particle. Therefore, ApoA1 is not a 1:1 surrogate marker for HDL particles. Similarly, the number of ApoA1 proteins and the amount of cholesterol contained in HDL particles is highly variable. This heterogeneity has led to unique clinical findings related to ApoA1 compared with HDL-C.

Test Details

Components:

Methodology: Immunoturbidimetric Assay

Reference Range

M: ≥ 104 F: ≥ 108 mg/dLTM

Container

Serum Separator Tube (SST)

Transport Temperature

Room Temperature

Specimen(s)

Serum

Specimen Stability

Room temperature: 1 day
Refrigerated: 8 days
Frozen: 30 days

Reject Criteria

Grossly lipemic

Days Performed

Mon-Sat

Collection Instructions

*The CPT codes provided are based on AMA guidance 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.