

# 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.

## Profile Components:



# Labtech Diagnostics

### Container:

Serum Separator Tube (SST®)

### Transport Temperature:

Room temperature

### Specimen:

Serum

### Specimen Stability:

Room temperature: 7 days  
Refrigerated: 10 days  
Frozen: 90 days

### Reject Criteria:

Grossly lipemic

### Days Performed:

Mon-Sat

## Collection Instructions: