

# AALP Apolipoprotein A1

**NOTE: This test is also included within the HDL Function Panel with HDLfx pCAD Score (Order Code 37812)**

**CPT Code:** 82172

**Order Code:** 37838

**Synonyms:** AALP ApoA1

**ABN Requirement:** No

**Specimen:** Serum

**Volume:** 1.0 mL

**Minimum Volume:** 0.5 mL

**Container:** Gel-barrier tube (SST)

## **Collection:**

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.

**Fasting:** Patient should be fasting 10-12 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.

## **Stability:**

**Ambient (15-25°C):** Not Acceptable

**Refrigerated (2-8°C):** 21 days

**Frozen (-20°C):** 21 days

**Causes for Rejection:** Specimens other than serum; improper labeling; samples not stored properly; samples older than stability limits; moderately lipemic specimens

**Methodology:** Liquid Chromatography-Tandem Mass Spectrometry (LC/MS/MS)

**Turn Around Time:** 10 days

## Reference Range:

Male (nmol/L)	Female (nmol/L)
181.36-359.23	215.01-421.06

**Clinical Significance:** It is widely recognized that the vast majority of ApoA1 in circulation resides on HDL particles. Prospective studies demonstrate quantification of ApoA1 is independently shown to have an inverse relationship with coronary heart disease risk.<sup>1</sup>

## Reference:

1. Thompson A and Danesh J. *J Intern Med.* 2006;259:481-492.

*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.*