

AALP Apolipoprotein C2

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

CPT Code: 82172

Order Code: 37865

Synonyms: AALP ApoC2

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: 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) | Male (nmol/L) |
|---------------|---------------|
| 3.67-14.55 | 4.85-18.97 |

Clinical Significance: Excess ApoC2 is associated with increased triglyceride-rich particles and alterations in HDL particle distribution. In a case-controlled study, ApoC2 concentration was higher in coronary heart disease group compared to control group and was associated with coronary heart disease presence after adjustment for cardiovascular risk factors.¹

Reference:

1. Gerber Y, et al. *Prev Med.* 2002;42-7.

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.