

HDL-Apolipoproteins A-II

Analyte: HDL Apolipoproteins All

Specimen Type: Serum, Inquire for additional option(s)

Optimum Volume: 0.5 mL

Stability:

2-8 Degrees C	-20 Degrees C	-70 Degrees C
Unstable*	N.A.*	N.A.*

Reporting Units: mg/dL

Method: Precipitation & Immunoturbidimetric

Biological or Clinical Significance:

Apolipoproteins are the protein components of lipoproteins in plasma and determine the structure, function, and metabolism of lipoproteins. Apolipoprotein A-I and A-II constitute about 90% of the total HDL protein. The ratio of Apo A-I to Apo A-II in HDL is about 3:1. Apo A-I and Apo A-II modulate HDL metabolism. Apo A-I and Apo A-II also function as cofactors of LCAT in the conversion of free cholesterol to cholesterol esters.

Principle of Test Method:

In this procedure, the HDL fraction is obtained via precipitation (see HDL-C precipitation by DS or PEG). Apo A-II is then measured on the HDL supernate by automated immunoturbidimetric assay.

* Please contact PBI for information on stability.