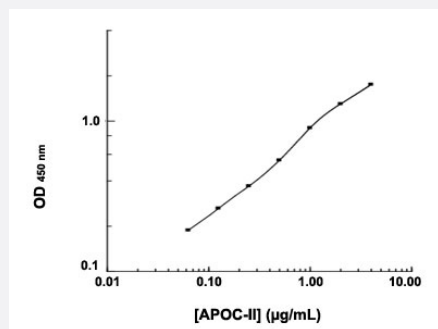


APOC2 (Human) ELISA Kit

Catalog # KA0464

Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	APOC2 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human APOC2.
Suitable Sample	Cell Culture Sample, Plasma and Serum
Sample Volume	50 µL
Label	Peroxidase-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	0.016 to 4 µg/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Storage Instruction	Store components of the kit at 4°C or -20°C as described in the protocol.

Applications

- Quantification

Gene Info — APOC2

Entrez GeneID [344](#)

Gene Name APOC2

Gene Alias MGC75082

Gene Description apolipoprotein C-II

Omim ID [207750 608083](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is secreted in plasma where it is a component of very low density lipoprotein. This protein activates the enzyme lipoprotein lipase, which hydrolyzes triglycerides and thus provides free fatty acids for cells. Mutations in this gene cause hyperlipoproteinemia type IB, characterized by hypertriglyceridemia, xanthomas, and increased risk of pancreatitis and early atherosclerosis. [provided by RefSeq]

Other Designations -

Publication Reference

- [Fibrillar amyloid protein present in atheroma activates CD36 signal transduction.](#)

Medeiros LA, Khan T, El Khoury JB, Pham CL, Hatters DM, Howlett GJ, Lopez R, O'Brien KD, Moore KJ.
Journal of Biological Chemistry 2004 Mar; 279(11):10643.

- [Human apolipoprotein C-II forms twisted amyloid ribbons and closed loops.](#)

Hatters DM, MacPhee CE, Lawrence LJ, Sawyer WH, Howlett GJ.
Biochemistry 2000 Jul; 39(28):8276.

- [Hypertriglyceridaemia due to genetic defects in lipoprotein lipase and apolipoprotein C-II.](#)

Fojo SS, Brewer HB.
Journal of Internal Medicine 1992 Jun; 231(6):669.

Disease

- [Atherosclerosis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Diseases in Twins](#)
- [Ductus Arteriosus](#)
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