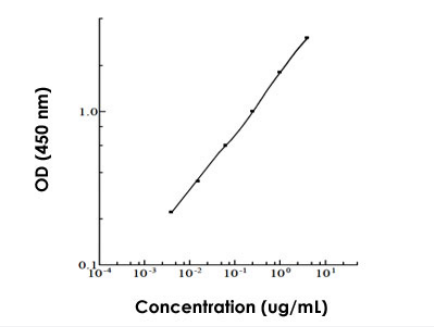
APOA2 (Human) ELISA Kit

Catalog # KA0461 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	APOA2 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human APOA2.
Suitable Sample	Cell Culture Supernatant, Cell Lysate, Milk, Plasma, Serum, Urine
Sample Volume	50 uL
Label	Peroxidase-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	0.016 to 16 ug/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

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- Quantification

Gene Info — APOA2

Entrez GeneID	336
Gene Name	APOA2
Gene Alias	-
Gene Description	apolipoprotein A-II
Omim ID	107670 143890
Gene Ontology	Hyperlink
Gene Summary	This gene encodes apolipoprotein (apo-) A-II, which is the second most abundant protein of the high density lipoprotein particles. The protein is found in plasma as a monomer, homodimer, or heterodimer with apolipoprotein D. Defects in this gene may result in apolipoprotein A-II deficiency or hypercholesterolemia. [provided by RefSeq
Other Designations	OTTHUMP00000032244

Publication Reference

- The prognostic significance of HDL-associated apolipoproteins in ascitic fluid from patients with cirrhosis and spontaneous bacterial peritonitis.

  Mohamad Murad, Philipp A Reuken, Kristin Schubert, Johanna Reißing, Oluwatomi Ibidapo-Obe, Karsten Große, Mick Frissen, Frederic Haedge, Majda El-Hassani, Martin von Bergen, Tony Bruns.

  Scientific Reports 2025 Jul; 15(1):25714.

  Application: ELISA, Quant, Human, Ascites, Serum

- Subantimicrobial-dose doxycycline treatment increases serum cholesterol efflux capacity from macrophages.

  Salminen A, Pussinen PJ, Payne JB, Stoner JA, Jauhiainen M, Golub LM, Lee HM, Thompson DM, Sorsa T.

  Inflammation Research 2013 Jul; 62(7):711.

  Application: ELISA, Human, Serum

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- Isolation and characterization of the human apolipoprotein A-II gene. Electron microscopic analysis of RNA:DNA hybrids, nucleotide sequence, identification of a polymorphic MspI site, and general structural organization of apolipoprotein genes.

  Tsao YK, Wei CF, Robberson DL, Gotto AM Jr, Chan L.

  The Journal of Biological Chemistry 1985 Dec; 260(28):15222.

- Amino acid sequence of human apoLp-Gln-II (apoA-II), an apolipoprotein isolated from the high-density lipoprotein complex.

  Brewer HB Jr, Lux SE, Ronan R, John KM.

  PNAS 1972 May; 69(5):1304.

Pathway

- PPAR signaling pathway

Disease

- Atherosclerosis
- Birth Weight
- Body Weight
- Calcinosis
- Cardiovascular Diseases
- Coronary Artery Disease
- Coronary Disease
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Glioblastoma
- Glioma
- Hepatitis C

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- Hypercholesterolemia
- Hyperlipidemias
- Kidney Failure
- Leukemia
- Lung Neoplasms
- Lymphoma
- Meningeal Neoplasms
- Meningioma
- Obesity
- Pulmonary Disease
- Urinary Bladder Neoplasms
- Werner syndrome

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