

Human Apolipoprotein A-I ELISA Kit | APOA1 elisa kit

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CATALOG #
AAA191471

REACTIVITY
Human

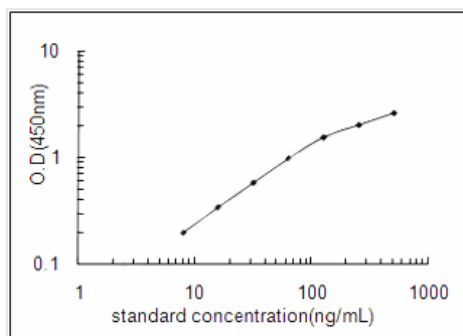
PRODUCT SYNONYMS

Apolipoprotein A-I; Human Apolipoprotein A-I ELISA Kit; Apo-AI; ApoA-I; Apolipoprotein A1; APOA1; APOA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Apo-AI. No significant cross-reactivity or interference was observed.
Sequence Length	267
Assay Type	Sandwich
Detection Range	7.8-500 ng/mL
Sensitivity	3.4ng/mL
Intra-Assay CV	<=4.8%
Inter-Assay CV	<=7.6%
Recovery	91%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APOA1 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human Apo-AI concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Apo-AI. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Apo-AI and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Apo-AI, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Apo-AI in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557321
NCBI GeneID	335
NCBI Accession #	NP_000030.1
NCBI GenBank Nucleotide #	NM_000039.2
UniProt Accession #	P02647; Q6LDN9; Q6Q785; Q9UCS8; Q9UCT8; A8K866
Molecular Weight	30,778 Da
NCBI Official Full Name	apolipoprotein A-I isoform 1 preproprotein
NCBI Official Synonym Full Names	apolipoprotein A-I
NCBI Official Symbol	APOA1
NCBI Official Synonym Symbols	apo(a)
NCBI Protein Information	apolipoprotein A-I
UniProt Protein Name	Apolipoprotein A-I
UniProt Gene Name	APOA1
UniProt Synonym Gene Names	Apo-AI; ApoA-I; ProapoA-I
UniProt Entry Name	APOA1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/apoa1-human-elisa-kits/apolipoprotein-a-i/191471>