

Human apolipoprotein A-I ELISA Kit | APOA1 elisa kit

Human apolipoprotein A1, Apo-A1 ELISA Kit

CATALOG #
AAA79938

REACTIVITY
Human

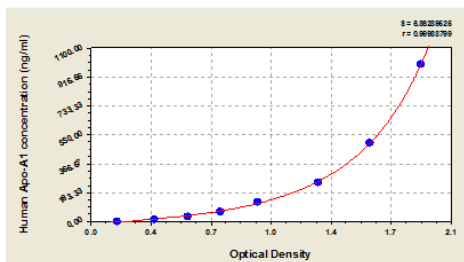
PRODUCT SYNONYMS

apolipoprotein A-I; Human apolipoprotein A1; Apo-A1 ELISA Kit; Human apolipoprotein A1 (Apo-A1) ELISA Kit; MGC117399; OTTHUMP00000069346; OTTHUMP00000069347; OTTHUMP00000069348; Human apolipoprotein A1 (Apo-A1); APOA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human Apo-A1. No significant cross-reactivity or interference between human Apo-A1 and analogues was observed.
Sequence Length	267
Samples	Serum, plasma, cell culture supernates, saliva, urine
Assay Type	Sandwich
Detection Range	1. 4 ng/ml -1000 ng/ml.
Sensitivity	The minimum detectable dose of human Apo-A1 is typically less than 0.7 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APOA1 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for Apo-A1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Apo-A1 present is bound by the immobilized antibody. After removing any unbound substances, a Horseradish Peroxidase (HRP)-conjugated antibody specific for Apo-A1 is added to the wells. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of Apo-A1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557321
NCBI GeneID	335
NCBI Accession #	NP_000030.1
NCBI GenBank Nucleotide #	NM_000039.1
UniProt Accession #	P02647; Q6LDN9; Q6Q785; Q9UCS8; Q9UCT8; A8K866
Molecular Weight	30,778 Da
NCBI Official Full Name	apolipoprotein A-I preproprotein
NCBI Official Synonym Full Names	apolipoprotein A-I
NCBI Official Symbol	APOA1
NCBI Protein Information	apolipoprotein A-I; apo-AI
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/79938>