

Human ApoA4 ELISA Kit | ApoA4 elisa kit

Human ApoA4 (Apolipoprotein A4) ELISA Kit

CATALOG #
AAA164244

REACTIVITY
Human

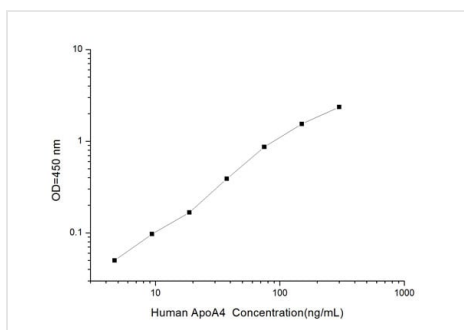
PRODUCT SYNONYMS

ApoA4; Human ApoA4 (Apolipoprotein A4) ELISA Kit; ApoA4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human ApoA4 in samples. No significant cross-reactivity or interference between Human ApoA4 and analogues was observed.
Sequence Length	396
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	4.69-300ng/mL
Sensitivity	2.81ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human ApoA4 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human ApoA4 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ApoA4 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human ApoA4 concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human ApoA4. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human ApoA4 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human ApoA4, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human ApoA4. You can calculate the concentration of Human ApoA4 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	71773110
NCBI GeneID	337
NCBI Accession #	NP_000473.2
NCBI GenBank Nucleotide #	NM_000482.3
UniProt Accession #	P06727; Q14CW8; Q6Q787; A8MSL6
Molecular Weight	45,399 Da
NCBI Official Full Name	apolipoprotein A-IV
NCBI Official Synonym Full Names	apolipoprotein A-IV
NCBI Official Symbol	APOA4
NCBI Protein Information	apolipoprotein A-IV; apo-AIV; apoA-IV; apolipoprotein A4
UniProt Protein Name	Apolipoprotein A-IV
UniProt Gene Name	APOA4
UniProt Synonym Gene Names	Apo-AIV; ApoA-IV
UniProt Entry Name	APOA4_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://www.aaabiotech.com/human-elisa-kits/apoa4/164244>