

Human ApoA5 ELISA Kit | ApoA5 elisa kit

Human ApoA5 (Apolipoprotein A5) ELISA Kit

CATALOG #
AAA165200

REACTIVITY
Human

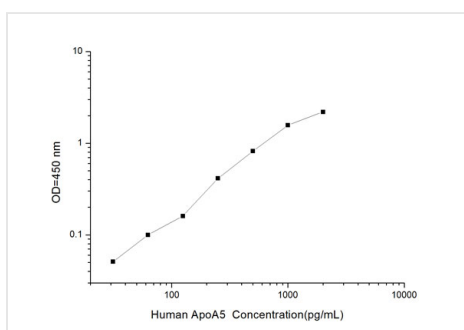
PRODUCT SYNONYMS

ApoA5; Human ApoA5 (Apolipoprotein A5) ELISA Kit; ApoA5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human ApoA5 in samples. No significant cross-reactivity or interference between Human ApoA5 and analogues was observed.
Sequence Length	366
Assay Type	Quantitative Sandwich
Samples	Serum and plasma, please inquire if your samples are other biological fluids
Detection Range	62.5-4000pg/mL
Sensitivity	37.5pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human ApoA5 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 ApoA5 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 ApoA5 elisa kit	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 ApoA5. Samples (or Standards) are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human ApoA5 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 ApoA5, 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 ± 2 nm. The OD value is proportional to the concentration of Human ApoA5. You can calculate the concentration of Human ApoA5 in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human ApoA5 concentrations in serum and plasma, please inquire if your samples are other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	63079709
NCBI GeneID	116519
NCBI Accession #	NP_443200.2
NCBI GenBank Nucleotide #	NM_052968.4
UniProt Accession #	Q6Q788; Q3MIK6; Q6UWK9; Q9UBJ3; B0YIV9
Molecular Weight	41,213 Da
NCBI Official Full Name	apolipoprotein A-V
NCBI Official Synonym Full Names	apolipoprotein A-V
NCBI Official Symbol	APOA5
NCBI Official Synonym Symbols	RAP3; APOAV
NCBI Protein Information	apolipoprotein A-V; apo-AV; apolipoprotein A5; regeneration-associated protein 3
UniProt Protein Name	Apolipoprotein A-V
UniProt Gene Name	APOA5
UniProt Synonym Gene Names	RAP3; Apo-AV; ApoA-V
UniProt Entry Name	APOA5_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/apoa5/165200>