

Human ApoA2 ELISA Kit | ApoA2 elisa kit

Human ApoA2 (Apolipoprotein A2) ELISA Kit

CATALOG #
AAA21714

REACTIVITY
Human

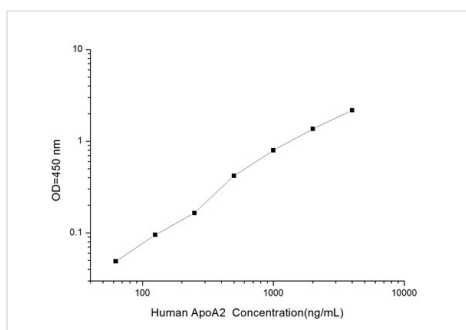
PRODUCT SYNONYMS

ApoA2; Human ApoA2 (Apolipoprotein A2) ELISA Kit; ApoA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human ApoA1 in samples. No significant cross-reactivity or interference between HumanApoA1and analogues was observed.
Sequence Length	100
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	3.13-200ng/mL
Sensitivity	1.88ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, midrange and high level HumanApoA1were tested 20times on one plate, respectively
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, midrange and high level HumanApoA1were testedon 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 ApoA2 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human ApoA1 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 ApoA1. 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 ApoA1 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 ApoA1, 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 ApoA1. You can calculate the concentration of Human ApoA1 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502149
NCBI GeneID	336
NCBI Accession #	NP_001634.1
NCBI GenBank Nucleotide #	NM_001643.1
UniProt Accession #	P02652; B2R524
Molecular Weight	11,175 Da
NCBI Official Full Name	apolipoprotein A-II preproprotein
NCBI Official Synonym Full Names	apolipoprotein A-II
NCBI Official Symbol	APOA2
NCBI Official Synonym Symbols	apoAII; Apo-AII; ApoA-II
NCBI Protein Information	apolipoprotein A-II; apolipoprotein A2
UniProt Protein Name	Apolipoprotein A-II
UniProt Gene Name	APOA2
UniProt Synonym Gene Names	Apo-AII; ApoA-II; ProapoA-II
UniProt Entry Name	APOA2_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.