

Human Apo A1-Ab ELISA Kit | Apo A1-Ab elisa kit

Human Apo A1-Ab (Anti-Apolipoprotein A1 Antibody) ELISA Kit

CATALOG #
AAA163411

REACTIVITY
Human

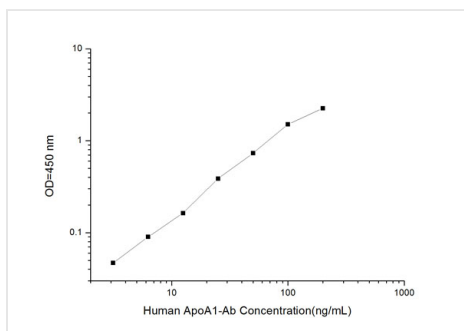
PRODUCT SYNONYMS

Apo A1-Ab; Human Apo A1-Ab (Anti-Apolipoprotein A1 Antibody) ELISA Kit; Apo A1-Ab elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human Apo A1-Ab. No significant cross-reactivity or interference between Human Apo A1-Ab and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human Apo A1-Ab and all the analogues, therefore, cross reaction may still exist.
Sequence Length	100
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	3.125-200ng/mL
Sensitivity	Min: 1.875ng/mL; Max: 200ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Apo A1-Ab elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of Apo A1-Ab in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human Apo A1-Ab. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human Apo A1-Ab and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human Apo A1-Ab, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid 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 Apo A1-Ab. You can calculate the concentration of Human Apo A1-Ab 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.