

ApoA1 elisa kit

Human Apolipoprotein A1 ELISA Kit

CATALOG #
AAA37845

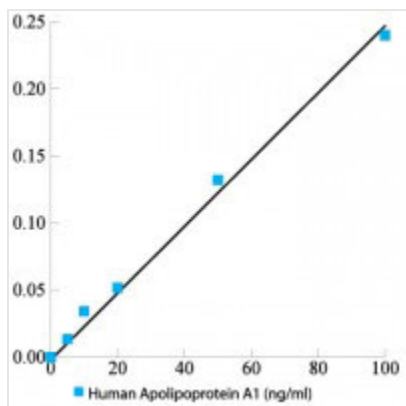
PRODUCT SYNONYMS

ApoA1; Human Apolipoprotein A1 ELISA Kit; ApoA1 elisa kit

PRODUCT SPECIFICATIONS

Specificity	This assay has high sensitivity and excellent specificity for detection of HTR2A. No significant cross-reactivity or interference between HTR2A and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between HTR2A and all the analogues, therefore, cross reaction may still exist in some cases.
Sequence Length	14
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store at 4 degree C

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for ApoA1 elisa kit	Intended Uses: This HTR2A ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse HTR2A. This ELISA kit for research use only! Principle of the Assay: HTR2A ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-HTR2A antibody and an HTR2A-HRP conjugate. The assay sample and buffer are incubated together with HTR2A-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the HTR2A concentration since HTR2A from samples and HTR2A-HRP conjugate compete for the anti-HTR2A antibody binding site. Since the number of sites is limited, as more sites are occupied by HTR2A from the sample, fewer sites are left to bind HTR2A-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HTR2A concentration in each sample is interpolated from this standard curve.
Product Categories/Family for ApoA1 elisa kit	HUMAN PLASMA PROTEINS; Human Kits; Plasma Protein ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	553183
NCBI GeneID	335
Molecular Weight	30,778 Da
NCBI Official Full Name	APOA1, partial
NCBI Official Synonym Full Names	apolipoprotein A-I
NCBI Official Symbol	APOA1
NCBI Official Synonym Symbols	apo(a)
NCBI Protein Information	apolipoprotein A-I
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://www.aaabiotech.com/elisa-kits/apoa1/37845>