

Human Apolipoprotein A I binding protein (APOA1BP) ELISA Kit | APOA1BP elisa kit

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CATALOG #
AAA244379

REACTIVITY
Human

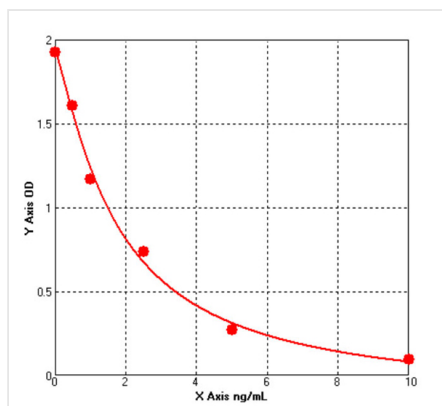
PRODUCT SYNONYMS

Apolipoprotein A I binding protein (APOA1BP); Human Apolipoprotein A I binding protein (APOA1BP) ELISA Kit; APOA1BP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of APOA1BP. No significant cross-reactivity or interference between APOA1BP and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between APOA1BP and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APOA1BP elisa kit	Principle of the Assay: APOA1BP ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-APOA1BP antibody and an APOA1BP-HRP conjugate. The assay sample and buffer are incubated together with APOA1BP-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 APOA1BP concentration since APOA1BP from samples and APOA1BP-HRP conjugate compete for the anti-APOA1BP antibody binding site. Since the number of sites is limited, as more sites are occupied by APOA1BP from the sample, fewer sites are left to bind APOA1BP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The APOA1BP concentration in each sample is interpolated from this standard curve. Intended Uses: This APOA1BP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human APOA1BP. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for APOA1BP elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	72533474
NCBI GeneID	128240
Molecular Weight	20,431 Da
NCBI Official Full Name	Apolipoprotein A-I binding protein
NCBI Official Synonym Full Names	apolipoprotein A-I binding protein
NCBI Official Symbol	APOA1BP
NCBI Official Synonym Symbols	AIBP; YJEFN1
NCBI Protein Information	NAD(P)H-hydrate epimerase; NAD(P)H-hydrate epimerase; AI-BP; yjeF_N1; NAD(P)HX epimerase; apoA-I binding protein; apolipoprotein A-I-binding protein; yjeF N-terminal domain-containing protein 1
UniProt Protein Name	NAD(P)H-hydrate epimerase
UniProt Gene Name	APOA1BP
UniProt Synonym Gene Names	AIBP; YJEFN1; AI-BP; YjeF_N1
UniProt Entry Name	NNRE_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://stage.aaabiotech.com/human-elisa-kits/apolipoprotein-a-i-binding-protein-apoa1bp/244379>