

Mouse apolipoprotein A-I binding protein ELISA Kit | APOA1BP elisa kit

Mouse Apolipoprotein A-I-binding protein, APOA1BP ELISA Kit

CATALOG #
AAA112674

REACTIVITY
Mouse

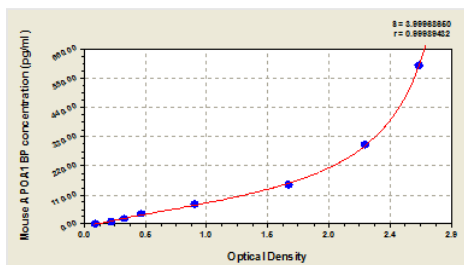
PRODUCT SYNONYMS

apolipoprotein A-I binding protein; Mouse Apolipoprotein A-I-binding protein; APOA1BP ELISA Kit; Mouse Apolipoprotein A-I-binding protein (APOA1BP) ELISA kit; RP11-284F21.3; AIBP; MGC119143; MGC119144; MGC119145; YJEFN1; apoA-I binding protein; APOA1BP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse APOA1BP. No significant cross-reactivity or interference between mouse APOA1BP and analogues was observed.
Sequence Length	282
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	9.375 pg/ml-600 pg/ml
Sensitivity	< 2.34 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%.Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APOA1BP elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for APOA1BP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any APOA1BP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for APOA1BP is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of APOA1BP bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21553309
NCBI GeneID	246703
NCBI Accession #	NP_659146.1
NCBI GenBank Nucleotide #	NM_144897.3
UniProt Accession #	Q8K4Z3
Molecular Weight	30,973 Da
NCBI Official Full Name	NAD(P)H-hydrate epimerase
NCBI Official Synonym Full Names	apolipoprotein A-I binding protein
NCBI Official Symbol	Apoa1bp
NCBI Official Synonym Symbols	AIBP; AI-BP; ESTM37; Apoa1ip; AA087124
NCBI Protein Information	NAD(P)H-hydrate epimerase; NAD(P)H-hydrate epimerase; NAD(P)HX epimerase; apoA-I binding protein; apolipoprotein A-I-binding protein; apolipoprotein A-I interacting protein
UniProt Protein Name	NAD(P)H-hydrate epimerase
UniProt Gene Name	Apoa1bp
UniProt Synonym Gene Names	Aibp; AI-BP
UniProt Entry Name	NNRE_MOUSE

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/apoa1bp-mouse-elisa-kits/apolipoprotein-a-i-binding-protein/112674>