

Mouse apolipoprotein A-IV ELISA Kit | APOA4 elisa kit

Mouse Apolipoprotein A-IV, APOA4 ELISA Kit

CATALOG #
AAA112500

REACTIVITY
Mouse

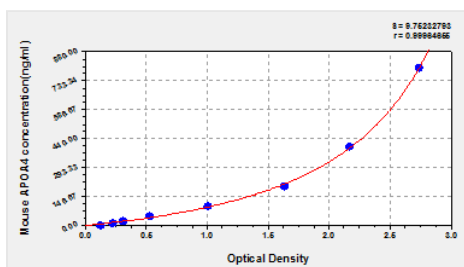
PRODUCT SYNONYMS

apolipoprotein A-IV; Mouse Apolipoprotein A-IV; APOA4 ELISA Kit; Mouse Apolipoprotein A-IV (APOA4) ELISA kit; MGC142154; MGC142156; ; APOA4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse APOA4. No significant cross-reactivity or interference between mouse APOA4 and analogues was observed.
Sequence Length	395
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	12.5 ng/ml -800 ng/ml.
Sensitivity	The minimum detectable dose of mouse APOA4 is typically less than 3.12 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
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 APOA4 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for APOA4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any APOA4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for APOA4 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 APOA4 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 #	110347473
NCBI GeneID	11808
NCBI Accession #	NP_031494.2
NCBI GenBank Nucleotide #	NM_007468.2
UniProt Accession #	P06728; Q91XF8
Molecular Weight	45,029 Da
NCBI Official Full Name	apolipoprotein A-IV
NCBI Official Synonym Full Names	apolipoprotein A-IV
NCBI Official Symbol	Apoa4
NCBI Official Synonym Symbols	Apoa-4
NCBI Protein Information	apolipoprotein A-IV; apo-AIV; apoA-IV; apolipoprotein A4
UniProt Protein Name	Apolipoprotein A-IV
UniProt Gene Name	Apoa4
UniProt Synonym Gene Names	Apo-AIV; ApoA-IV
UniProt Entry Name	APOA4_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/apoa4-mouse-elisa-kits/apolipoprotein-a-iv/112500>