

Mouse apolipoprotein A-II ELISA Kit | APOA2 elisa kit

Mouse Apolipoprotein A-II, APOA2 ELISA Kit

CATALOG #
AAA112342

REACTIVITY
Mouse

PRODUCT SYNONYMS

apolipoprotein A-II; Mouse Apolipoprotein A-II; APOA2 ELISA Kit; Mouse Apolipoprotein A-II (APOA2) ELISA kit; APOA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of rat Apo-A1. No significant cross-reactivity or interference between rat Apo-A1 and analogues was observed.
Sequence Length	102
Samples	Serum, Plasma, Bronchoalveolar Lavage Fluid, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.156 ug/ml-10 ug/ml
Sensitivity	0.039 ug/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.

ADDITIONAL INFORMATION

Related Product Information for APOA2 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for Apo-A1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Apo-A1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Apo-A1 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 Apo-A1 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	157951676
NCBI GeneID	11807
NCBI Accession #	NP_038502.2
NCBI GenBank Nucleotide #	NM_013474.2
UniProt Accession #	P09813 ; Q3UKX6 ; Q61317
Molecular Weight	11,309 Da

NCBI Official Full Name	apolipoprotein A-II
NCBI Official Synonym Full Names	apolipoprotein A-II
NCBI Official Symbol	Apoa2
NCBI Official Synonym Symbols	Alp-2; Hdl-1; ApoAII; ApoA-2; ApoA-II
NCBI Protein Information	apolipoprotein A-II; apo-AII; 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_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://www.aaabiotech.com/apoa2-mouse-elisa-kits/apolipoprotein-a-ii/112342>