

Mouse Apolipoprotein H (Apo-H) ELISA Kit | Apoh elisa kit

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CATALOG #
AAA266534

REACTIVITY
Mouse

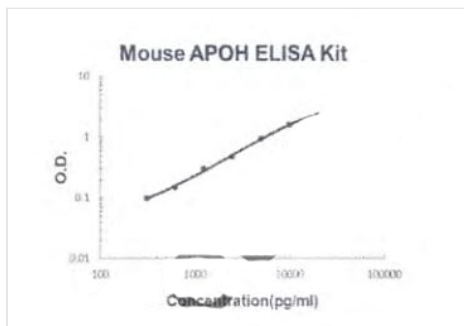
PRODUCT SYNONYMS

Apolipoprotein H (Apo-H); Mouse Apolipoprotein H (Apo-H) ELISA Kit; Apoh elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant Mouse Apoh
Detection Range	312 pg/ml - 20,000 pg/ml
Sensitivity	<50 pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision across assays): Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles. (Shipped with wet ice)

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Apoh elisa kit	Background: Apolipoprotein H (Apo-H), previously known as beta2-glycoprotein I and beta-2 glycoprotein 1, is a 38 kDa multifunctional apolipoprotein that in humans is encoded by the APOH gene. This gene is mapped to II E1; II 71.8 Cm. Apolipoprotein H has been implicated in a variety of physiologic pathways including lipoprotein metabolism, coagulation, and the production of antiphospholipid autoantibodies. APOH may be a required cofactor for anionic phospholipid binding by the antiphospholipid autoantibodies found in sera of many patients with lupus and primary antiphospholipid syndrome, but it does not seem to be required for the reactivity of antiphospholipid autoantibodies associated with infections. Principle of the Assay: To measure Mouse Apoh, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABCHRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is an HRP substrate and will be catalyzed to produce a blue color product, which changes into yellow after adding the acidic stop solution. The absorbance of the yellow product at 450nm is linearly proportional to Mouse Apoh in the sample. Read the absorbance of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Mouse Apoh in the sample. Intended Uses: This kit is a solid-phase immunoassay specially designed to measure Mouse Apoh with a 96-well strip plate that is pre-coated with antibody specific for Apoh. The detection antibody is a biotinylated antibody specific for Apoh. The capture antibody is a monoclonal antibody from rat and the detection antibody is a biotinylated polyclonal antibody from goat. The kit includes Mouse Apoh protein as standards.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	160358825
NCBI GeneID	11818
NCBI Accession #	NP_038503.4
NCBI GenBank Nucleotide #	NM_013475.4
UniProt Accession #	Q01339
Molecular Weight	38,619 Da
NCBI Official Full Name	beta-2-glycoprotein 1
NCBI Official Synonym Full Names	apolipoprotein H
NCBI Official Symbol	Apoh
NCBI Official Synonym Symbols	B2GPI; beta2-GPI; beta-2-GPI
NCBI Protein Information	beta-2-glycoprotein 1; apo-H; beta(2)GPI; APC inhibitor; beta-2-glycoprotein I; activated protein C-binding protein
UniProt Protein Name	Beta-2-glycoprotein 1
UniProt Gene Name	Apoh
UniProt Synonym Gene Names	B2gp1; Apo-H; B2GPI; Beta(2)GPI
UniProt Entry Name	APOH_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.