

Mouse Apolipoprotein F (APOF) ELISA Kit | APOF elisa kit

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CATALOG #
AAA68491

REACTIVITY
Mouse

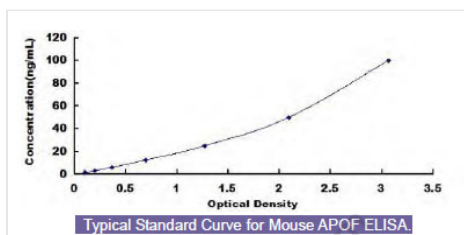
PRODUCT SYNONYMS

Apolipoprotein F (APOF); Mouse Apolipoprotein F (APOF) ELISA Kit; Apo-F; LTIP; Lipid transfer inhibitor protein; APOF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of APOF. No significant cross-reactivity or interference between APOF and analogues was observed.
Sequence Length	326
Samples	Serum, plasma or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	1.56-100ng/mL
Sensitivity	<0.61ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level APOF were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level APOF were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APOF elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of APOF in mouse serum, plasma or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to APOF. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to APOF. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain APOF, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of APOF in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	19527216
NCBI GeneID	103161
NCBI Accession #	NP_598758.1
NCBI GenBank Nucleotide #	NM_133997.2
UniProt Accession #	Q91V80
Molecular Weight	34,359 Da
NCBI Official Full Name	apolipoprotein F
NCBI Official Synonym Full Names	apolipoprotein F
NCBI Official Symbol	Apof
NCBI Official Synonym Symbols	AI255964
NCBI Protein Information	apolipoprotein F
UniProt Protein Name	Apolipoprotein F
UniProt Gene Name	Apof
UniProt Synonym Gene Names	Lvif; Apo-F; LVIF

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/mouse-elisa-kits/apolipoprotein-f-apof/68491>