

Mouse Apolipoprotein M (APOM) ELISA Kit | APOM elisa kit

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CATALOG #
AAA149114

REACTIVITY
Mouse

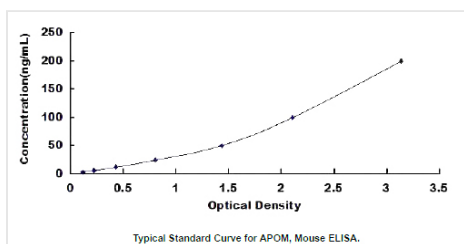
PRODUCT SYNONYMS

Apolipoprotein M (APOM); Mouse Apolipoprotein M (APOM) ELISA Kit; Apo-M; G3a; NG20; Protein G3a; APOM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of APOB48. No significant cross-reactivity or interference between APOB48 and analogues was observed.
Sequence Length	188
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma and other biological fluids
Detection Range	0.78-50ng/mL
Sensitivity	0.36ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level APOB48 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 APOB48 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APOM elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of APOB48 in human serum, plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to APOB48. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to APOB48. 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 APOB48, 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 APOB48 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for APOM elisa kit	Metabolic pathway; Cardiovascular biology; Hepatology; Nutrition metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	18089092
NCBI GeneID	55937
Molecular Weight	13,051 Da
NCBI Official Full Name	Apolipoprotein M
NCBI Official Synonym Full Names	apolipoprotein M
NCBI Official Symbol	APOM
NCBI Official Synonym Symbols	G3a; NG20; apo-M; HSPC336
NCBI Protein Information	apolipoprotein M
UniProt Protein Name	Apolipoprotein M
UniProt Gene Name	APOM
UniProt Synonym Gene Names	G3A; NG20; Apo-M; ApoM

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/mouse-elisa-kits/apolipoprotein-m-apom/149114>