

Rat apolipoprotein M ELISA Kit | APOM elisa kit

Rat Apolipoprotein M, APOM ELISA Kit

CATALOG #
AAA112996

REACTIVITY
Rat

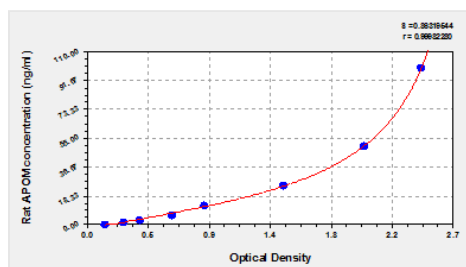
PRODUCT SYNONYMS

apolipoprotein M; Rat Apolipoprotein M; APOM ELISA Kit; Rat Apolipoprotein M (APOM) ELISA kit; DADB-127H9.5; G3a; HSPC336; MGC22400; NG20; NG20-like protein; alternative name: G3a; APOM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat APOM. No significant cross-reactivity or interference between rat APOM and analogues was observed.
Sequence Length	190
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	1.56 ng/ml -100 ng/ml.
Sensitivity	The minimum detectable dose of rat APOM is typically less than 0.39 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 APOM elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for APOM has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any APOM present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for APOM 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 APOM 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 #	9506391
NCBI GeneID	55939
NCBI Accession #	NP_062246.1
NCBI GenBank Nucleotide #	NM_019373.2
UniProt Accession #	P14630; Q5EBB9; Q9QXI9
Molecular Weight	21,513 Da
NCBI Official Full Name	apolipoprotein M
NCBI Official Synonym Full Names	apolipoprotein M
NCBI Official Symbol	Apom
NCBI Protein Information	apolipoprotein M; apo-M; protein Px
UniProt Protein Name	Apolipoprotein M
UniProt Gene Name	Apom
UniProt Synonym Gene Names	Apo-M; ApoM
UniProt Entry Name	APOM_RAT

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.