

Mouse Apolipoprotein B-100 ELISA Kit | Apob elisa kit

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CATALOG #
AAA194909

REACTIVITY
Mouse

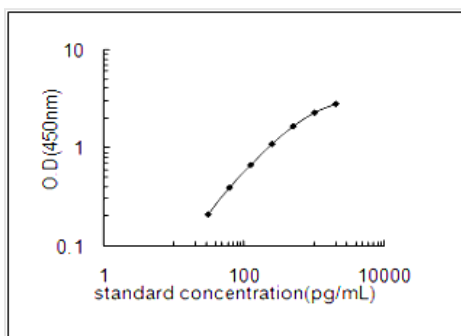
PRODUCT SYNONYMS

Apolipoprotein B-100; Mouse Apolipoprotein B-100 ELISA Kit; Apo B-100; Apob; Apob elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural Mouse Apo B-100. No significant cross-reactivity or interference was observed.
Sequence Length	4505
Assay Type	Sandwich
Detection Range	31.2-2000 pg/mL
Sensitivity	15.78 pg/mL
Intra-Assay CV	<=7.9%
Inter-Assay CV	<=10.1%
Recovery	102%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Apob elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of Mouse apolipoprotein b-100,Apo B-100 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Apo B-100. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Apo B-100 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Apo B-100, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Apo B-100 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	161702988
NCBI GeneID	238055
NCBI Accession #	NP_033823.2
NCBI GenBank Nucleotide #	NM_009693.2
UniProt Accession #	E9Q414; Q3UH74; Q497D8; Q61314; Q61318; Q8CGG8
Molecular Weight	509,432 Da
NCBI Official Full Name	apolipoprotein B-100
NCBI Official Synonym Full Names	apolipoprotein B
NCBI Official Symbol	Apob
NCBI Official Synonym Symbols	apob-48; AI315052; apob-100; Apo B-100
NCBI Protein Information	apolipoprotein B-100
UniProt Protein Name	Apolipoprotein B-100
UniProt Gene Name	Apob
UniProt Synonym Gene Names	Apo B-100; Apo B-48
UniProt Entry Name	APOB_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.