

Rat Apolipoprotein B-100 ELISA Kit | Apob elisa kit

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CATALOG #
AAA23303

REACTIVITY
Rat

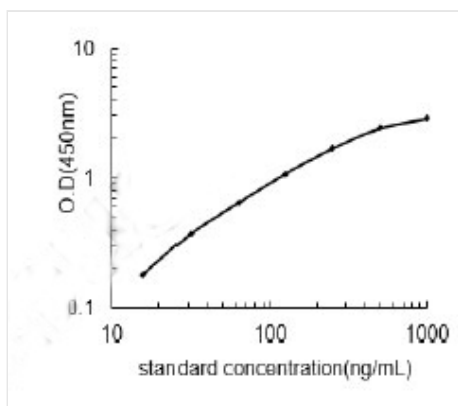
PRODUCT SYNONYMS

Apolipoprotein B-100; Rat Apolipoprotein B-100 ELISA Kit; Apo B-100; Apob; Aa1064; Ac1-060; Apob elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Recombinant and natural Rat Apolipoprotein B-100,Apo B-100
Sequence Length	4506
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	15.6-1000 ng/mL
Sensitivity	< 7.81 ng/mL
Intra-assay Precision	<=6.9%
Inter-assay Precision	<=9.4%
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	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, 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 target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	161783809
NCBI GeneID	54225
NCBI Accession #	NP_062160.2
NCBI GenBank Nucleotide #	NM_019287.2
UniProt Accession #	Q7TMA5
Molecular Weight	536,024 Da
NCBI Official Full Name	apolipoprotein B-100
NCBI Official Synonym Full Names	apolipoprotein B
NCBI Official Symbol	Apob
NCBI Official Synonym Symbols	Aa1064; Ac1-060; ApoB-48; 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_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.

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Online datasheet: <https://stage.aaabiotech.com/apob-rat-elisa-kits/apolipoprotein-b-100/23303>