

Rat apolipoprotein B-48 (ApoB48) ELISA Kit | ApoB48 elisa kit

Rat apolipoprotein B-48, ApoB48 ELISA Kit

CATALOG #
AAA18213

REACTIVITY
Rat

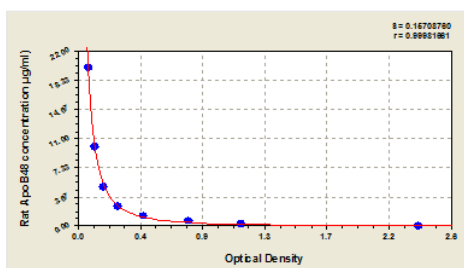
PRODUCT SYNONYMS

apolipoprotein B-48 (ApoB48); Rat apolipoprotein B-48; ApoB48 ELISA Kit; Rat apolipoprotein B-48 (ApoB48) ELISA kit; ApoB48 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat ApoB48. No significant cross-reactivity or interference between rat ApoB48 and analogues was observed.
Sequence Length	4506
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Assay Type	Quantitative Competitive
Detection Range	0.312 ug/ml-20 ug/ml
Sensitivity	< 0.078 ug/ml
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 ApoB48 elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with ApoB48. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated antibody preparation specific for ApoB48. The competitive inhibition reaction is launched between with pre-coated ApoB48 and ApoB48 in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of ApoB48 in the samples. The color development is stopped and the intensity of the color is measured.

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; apolipoprotein B PI; apolipoprotein B-48; apolipoprotein B (including Ag(x) antigen)
UniProt Protein Name	Apolipoprotein B-100
UniProt Gene Name	Apob
UniProt Synonym Gene Names	Aa1064; Ac1-060; 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/rat-elisa-kits/apolipoprotein-b-48-apob48/18213>