

Rat Apolipoprotein B (APOB) RTU ELISA Kit | APOB rtu elisa kit

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CATALOG #
AAA69150

REACTIVITY
Rat

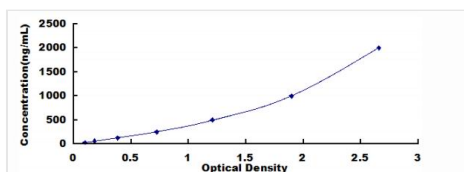
PRODUCT SYNONYMS

Apolipoprotein B (APOB); Rat Apolipoprotein B (APOB) ELISA Kit; Apo-B; FLDB; Apo B-100; Apo B-48; APOB rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	4506
Assay Type	Sandwich
Samples	Serum, Plasma or Other Biological Fluids.
Detection Range	31.2-2000ng/mL
Sensitivity	11.3ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APOB rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to APOB. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to APOB. 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 APOB, 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 $\pm$ 10nm. The concentration of APOB in the samples is then determined by comparing the O.D. of the samples to the standard curve.

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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-rtu-elisa-kits/apolipoprotein-b-apob/69150>