

Apolipoprotein B (APOB) ELISA Kit | APOB elisa kit

Hamster Apolipoprotein B ELISA Kit (APOB)

CATALOG #
AAA87986

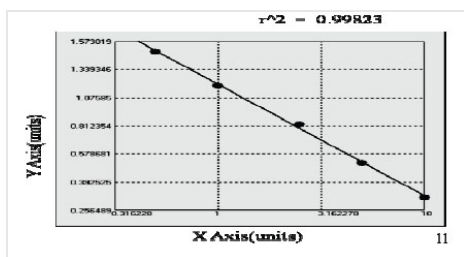
PRODUCT SYNONYMS

Apolipoprotein B (APOB); Hamster Apolipoprotein B ELISA Kit (APOB); APOB elisa kit

PRODUCT SPECIFICATIONS

Sequence Length	4498
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Sensitivity	0.1 ug/mL.
Intended Uses	This Apo-B ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Hamster Apo-B. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APOB elisa kit

Principle of the assay: Apo-B ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for Apo-B. Standards or samples are then added to the microtiter plate wells and Apo-B if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of Apo-B present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for Apo-B are added to each well to "sandwich" the Apo-B immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain Apo-B and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Apo-B concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI # 296482385

NCBI GeneID	494004
NCBI Official Full Name	apolipoprotein B
NCBI Official Synonym Full Names	apolipoprotein B
NCBI Official Symbol	APOB
NCBI Official Synonym Symbols	APOB-100; ApoB(100)
NCBI Protein Information	apolipoprotein B

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://www.aaabiotech.com/elisa-kits/apolipoprotein-b-apob/87986>