

Sheep Apolipoprotein B ELISA Kit | APOB elisa kit

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CATALOG #
AAA92217

REACTIVITY
Sheep

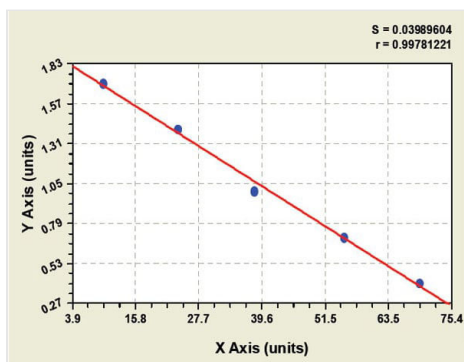
PRODUCT SYNONYMS

Apolipoprotein B; Sheep Apolipoprotein B ELISA Kit; APOB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	250-5000ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APOB elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This Apo-B ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep Apo-B. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY Apo-B ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-Apo-B antibody and an Apo-B-HRP conjugate. The assay sample and buffer are incubated together with Apo-B-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the Apo-B concentration since Apo-B from samples and Apo-B-HRP conjugate compete for the anti-Apo-B antibody binding site. Since the number of sites is limited, as more sites are occupied by Apo-B from the sample, fewer sites are left to bind Apo-B-HRP conjugate. 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.
Product Categories/Family for APOB elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	108794407
Molecular Weight	19,187 Da
NCBI Official Full Name	ApoB, partial
UniProt Protein Name	ApoB
UniProt Gene Name	ApoB
UniProt Entry Name	A9CDA0_9EUTH

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/apob-sheep-elisa-kits/apolipoprotein-b/92217>