

Canine Apolipoprotein B ELISA Kit | APOB elisa kit

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CATALOG #
AAA90548

REACTIVITY
Canine

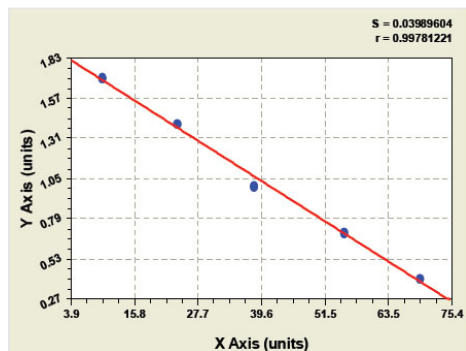
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50ug/mL
Sensitivity	0.1ug/mL
Intended Uses	This APOB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine APOB. 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: APOB ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-APOB antibody and an APOB-HRP conjugate. The assay sample and buffer are incubated together with APOB-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 APOB concentration since APOB from samples and APOB-HRP conjugate compete for the anti-APOB antibody binding site. Since the number of sites is limited, as more sites are occupied by APOB from the sample, fewer sites are left to bind APOB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The APOB concentration in each sample is interpolated from this standard curve.

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.

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Online datasheet: <https://www.aaabiotech.com/apob-canine-elisa-kits/apolipoprotein-b/90548>