

Goat Apolipoprotein C4 ELISA Kit | APOC4 elisa kit

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CATALOG #
AAA91005

REACTIVITY
Goat

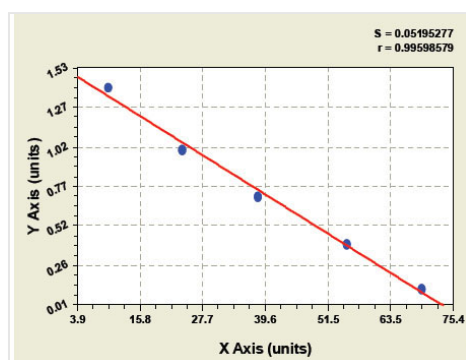
PRODUCT SYNONYMS

Apolipoprotein C4; Goat Apolipoprotein C4 ELISA Kit; APOC4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This APOC4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat APOC4. 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 APOC4 elisa kit

Principle of the Assay: APOC4 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-APOC4 antibody and an APOC4-HRP conjugate. The assay sample and buffer are incubated together with APOC4-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 APOC4 concentration since APOC4 from samples and APOC4-HRP conjugate compete for the anti-APOC4 antibody binding site. Since the number of sites is limited, as more sites are occupied by APOC4 from the sample, fewer sites are left to bind APOC4-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The APOC4 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for APOC4 elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502161
NCBI GeneID	346
NCBI Accession #	NP_001637.1
NCBI GenBank Nucleotide #	NM_001646.2
Molecular Weight	14,553 Da
NCBI Official Full Name	apolipoprotein C-IV
NCBI Official Synonym Full Names	apolipoprotein C-IV
NCBI Official Symbol	APOC4
NCBI Official Synonym Symbols	APO-CIV; APOC-IV
NCBI Protein Information	apolipoprotein C-IV; apolipoprotein C4
UniProt Protein Name	Apolipoprotein C-IV
UniProt Gene Name	APOC4
UniProt Synonym Gene Names	Apo-CIV; ApoC-IV
UniProt Entry Name	APOC4_HUMAN

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/apoc4-goat-elisa-kits/apolipoprotein-c4/91005>