

Goat Apolipoprotein E ELISA Kit | APOE elisa kit

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CATALOG #
AAA89588

REACTIVITY
Goat

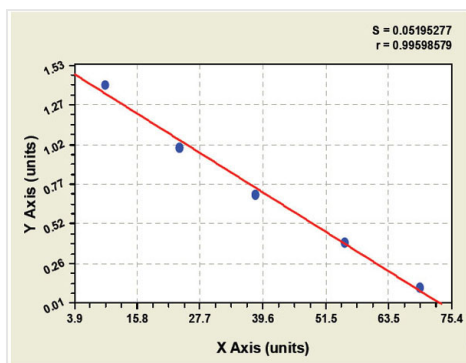
PRODUCT SYNONYMS

Apolipoprotein E; Goat Apolipoprotein E ELISA Kit; APOE elisa kit

PRODUCT SPECIFICATIONS

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

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APOE elisa kit

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

Intended Uses: This APOE ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat APOE. This ELISA kit for research use only!

Product Categories/Family for APOE elisa kit

Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557325
NCBI GeneID	348
NCBI Accession #	NP_000032.1
NCBI GenBank Nucleotide #	NM_000041.2
Molecular Weight	36,154 Da
NCBI Official Full Name	apolipoprotein E
NCBI Official Synonym Full Names	apolipoprotein E
NCBI Official Symbol	APOE
NCBI Official Synonym Symbols	AD2; LPG; LDLCQ5
NCBI Protein Information	apolipoprotein E; apo-E; apolipoprotein E3
UniProt Protein Name	Apolipoprotein E
UniProt Gene Name	APOE
UniProt Synonym Gene Names	Apo-E
UniProt Entry Name	APOE_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/apoe-goat-elisa-kits/apolipoprotein-e/89588>