

Sheep Apolipoprotein D ELISA Kit | APOD elisa kit

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CATALOG #
AAA90009

REACTIVITY
Sheep

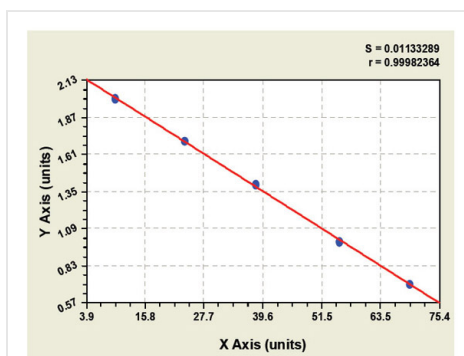
PRODUCT SYNONYMS

Apolipoprotein D; Sheep Apolipoprotein D ELISA Kit; APOD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This APOD ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep APOD. 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 APOD elisa kit

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

Product Categories/Family for APOD elisa kit

[Neurobiology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502163
NCBI GeneID	347
NCBI Accession #	NP_001638.1
NCBI GenBank Nucleotide #	NM_001647.3
UniProt Accession #	P05090; Q6IBG6; B2R579; D3DNW6
Molecular Weight	21,276 Da
NCBI Official Full Name	apolipoprotein D
NCBI Official Synonym Full Names	apolipoprotein D
NCBI Official Symbol	APOD
NCBI Protein Information	apolipoprotein D; apo-D
UniProt Protein Name	Apolipoprotein D
UniProt Gene Name	APOD
UniProt Synonym Gene Names	Apo-D; ApoD
UniProt Entry Name	APOD_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/apod-sheep-elisa-kits/apolipoprotein-d/90009>