

Bovine Apolipoprotein A2 ELISA Kit | APOA2 elisa kit

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CATALOG #
AAA88356

REACTIVITY
Bovine

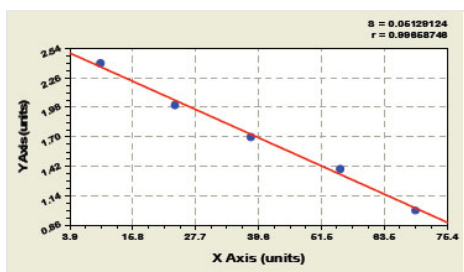
PRODUCT SYNONYMS

Apolipoprotein A2; Bovine Apolipoprotein A2 ELISA Kit; APOA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 mg/L.
Intended Uses	This ApoA2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine ApoA2. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for APOA2 elisa kit

Principle of the assay: ApoA2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ApoA2 antibody and an ApoA2-HRP conjugate. The assay sample and buffer are incubated together with ApoA2-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 ApoA2 concentration since ApoA2 from samples and ApoA2-HRP conjugate compete for the anti-ApoA2 antibody binding site. Since the number of sites is limited, as more sites are occupied by ApoA2 from the sample, fewer sites are left to bind ApoA2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ApoA2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for APOA2 elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502149
NCBI GeneID	336
NCBI Accession #	NP_001634.1
NCBI GenBank Nucleotide #	NM_001643.1
Molecular Weight	11,175 Da
NCBI Official Full Name	apolipoprotein A-II preproprotein
NCBI Official Synonym Full Names	apolipoprotein A-II
NCBI Official Symbol	APOA2
NCBI Official Synonym Symbols	apoAII; Apo-AII; ApoA-II
NCBI Protein Information	apolipoprotein A-II; apolipoprotein A2
UniProt Protein Name	Apolipoprotein A-II
UniProt Gene Name	APOA2
UniProt Synonym Gene Names	Apo-AII; ApoA-II; ProapoA-II
UniProt Entry Name	APOA2_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/apoa2-bovine-ovine-elisa-kits/apolipoprotein-a2/88356>