

Porcine Apolipoprotein A5 ELISA Kit | APOA5 elisa kit

Porcine Apolipoprotein A5 ELISA Kit

CATALOG #
AAA91983

REACTIVITY
Porcine

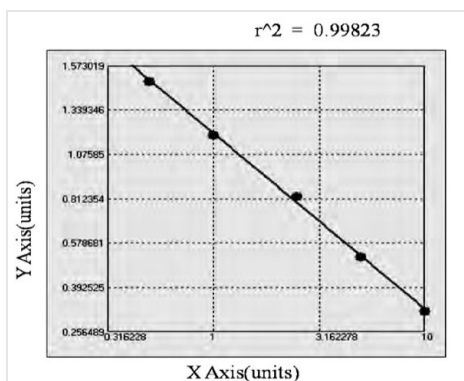
PRODUCT SYNONYMS

Apolipoprotein A5; Porcine Apolipoprotein A5 ELISA Kit; APOA5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This APOA5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine APOA5. 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 APOA5 elisa kit

Principle of the assay: APOA5 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-APOA5 antibody and an APOA5-HRP conjugate. The assay sample and buffer are incubated together with APOA5-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 APOA5 concentration since APOA5 from samples and APOA5-HRP conjugate compete for the anti-APOA5 antibody binding site. Since the number of sites is limited, as more sites are occupied by APOA5 from the sample, fewer sites are left to bind APOA5-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The APOA5 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for APOA5 elisa kit

[Cardiovascular](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	262231737
NCBI GeneID	116519
NCBI Accession #	NP_001160070.1
NCBI GenBank Nucleotide #	NM_001166598.1
Molecular Weight	41,213 Da
NCBI Official Full Name	apolipoprotein A-V
NCBI Official Synonym Full Names	apolipoprotein A-V
NCBI Official Symbol	APOA5
NCBI Official Synonym Symbols	RAP3; APOAV
NCBI Protein Information	apolipoprotein A-V; apo-AV; apolipoprotein A5; regeneration-associated protein 3
UniProt Protein Name	Apolipoprotein A-V
UniProt Gene Name	APOA5
UniProt Synonym Gene Names	RAP3; UNQ411/PRO773; Apo-AV; ApoA-V
UniProt Entry Name	APOA5_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/apoa5-porcine-elisa-kits/apolipoprotein-a5/91983>