

Porcine Apolipoprotein A2 (APOA2) ELISA Kit | APOA2 elisa kit

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CATALOG #
AAA67785

REACTIVITY
Porcine

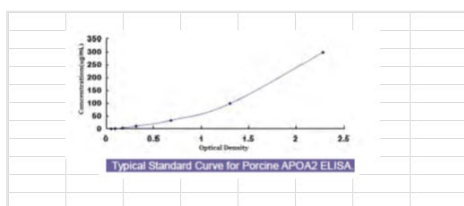
PRODUCT SYNONYMS

Apolipoprotein A2 (APOA2); Porcine Apolipoprotein A2 (APOA2) ELISA Kit; Apo-A2; Apolipoprotein A-II; ProapoA-II; Truncated apolipoprotein A-II; APOA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	This assay has high sensitivity and excellent specificity for detection of APOA2. No significant cross-reactivity or interference between APOA2 and analogues was observed.
Sequence Length	100
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	4.687-300?g/mL
Sensitivity	1.2?g/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level APOA2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level APOA2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APOA2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of APOA2 in porcine serum, plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to APOA2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to APOA2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain APOA2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of APOA2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	297747304
NCBI GeneID	100153243
NCBI Accession #	NP_001173223.1
NCBI GenBank Nucleotide #	NM_001186294.1
UniProt Accession #	F1S1A9
Molecular Weight	11,113 Da
NCBI Official Full Name	apolipoprotein A-II
NCBI Official Symbol	APOA2
NCBI Protein Information	apolipoprotein A-II
UniProt Protein Name	Uncharacterized protein
UniProt Gene Name	APOA2

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.