

Porcine Apolipoprotein A1 ELISA Kit | ApoA1 elisa kit

Porcine Apolipoprotein A1 ELISA Kit

CATALOG #
AAA101199

REACTIVITY
Porcine

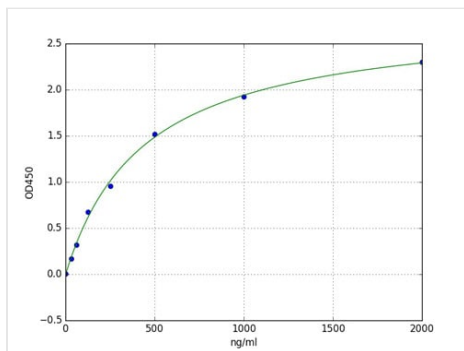
PRODUCT SYNONYMS

Apolipoprotein A1; Porcine Apolipoprotein A1 ELISA Kit; ApoA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Sequence Length	67
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	1.406-90ug/ml
Sensitivity	0.8ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Porcine ApoA1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	31.2	62.5	125	250	500	1000	2000
Y	OD450	0.002	0.179	0.363	0.613	1.135	1.770	1.995	2.238

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ApoA1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Porcine ApoA1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Porcine ApoA1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Porcine ApoA1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Porcine ApoA1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

4960066

NCBI GeneID	335
Molecular Weight	30,778 Da
NCBI Official Full Name	apolipoprotein A1, partial
NCBI Official Synonym Full Names	apolipoprotein A-I
NCBI Official Symbol	APOA1
NCBI Official Synonym Symbols	apo(a)
NCBI Protein Information	apolipoprotein A-I
UniProt Protein Name	Apolipoprotein A-I
UniProt Gene Name	APOA1
UniProt Synonym Gene Names	Apo-AI; ApoA-I; ProapoA-I
UniProt Entry Name	APOA1_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/apoa1-porcine-elisa-kits/apolipoprotein-a1/101199>