

Pig apolipoprotein A-I ELISA Kit | APOA1 elisa kit

Pig apolipoprotein A1, Apo-A1 ELISA Kit

CATALOG #
AAA79912

REACTIVITY
Pig

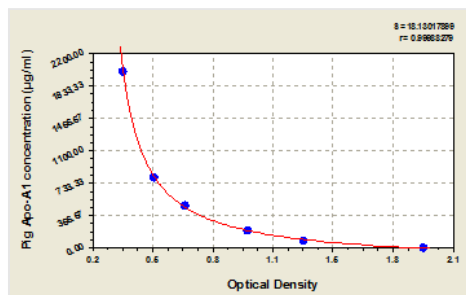
PRODUCT SYNONYMS

apolipoprotein A-I; Pig apolipoprotein A1; Apo-A1 ELISA Kit; Pig apolipoprotein A1 (Apo-A1) ELISA Kit; MGC117399; OTTHUMP00000069346; OTTHUMP00000069347; OTTHUMP00000069348; APOA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of pig Apo-A1. No significant cross-reactivity or interference between pig Apo-A1 and analogues was observed.
Sequence Length	264
Samples	Serum, plasma
Assay Type	Quantitative Competitive
Detection Range	80 ug/ml-2000 ug/ml
Sensitivity	< 50 ug/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APOA1 elisa kit	Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with goat-anti-rabbit antibody. Standards or samples are added to the appropriate microtiter plate wells with an antibody specific for Apo-A1 and Horseradish Peroxidase (HRP) conjugated Apo-A1. The competitive inhibition reaction is launched between with HRP labeled Apo-A1 and unlabeled Apo-A1 with the antibody. A substrate solution is added to the wells and the color develops in opposite to the amount of Apo-A1 in the sample. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47523850
NCBI GeneID	397691
NCBI Accession #	NP_999563.1
NCBI GenBank Nucleotide #	NM_214398.1
UniProt Accession #	P18648
Molecular Weight	30,325 Da
NCBI Official Full Name	apolipoprotein A-I preproprotein
NCBI Official Symbol	APOA1
NCBI Protein Information	apolipoprotein A-I; apo-AI; apoA-I; apolipoprotein A1
UniProt Protein Name	Apolipoprotein A-I
UniProt Gene Name	APOA1
UniProt Synonym Gene Names	Apo-AI; ApoA-I; ProapoA-I
UniProt Entry Name	APOA1_PIG

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-pig-elisa-kits/apolipoprotein-a-i/79912>