

Pig apolipoprotein E (Apo-E) ELISA Kit | APOE elisa kit

Pig apolipoprotein E, Apo-E ELISA Kit

CATALOG #
AAA112971

REACTIVITY
Pig

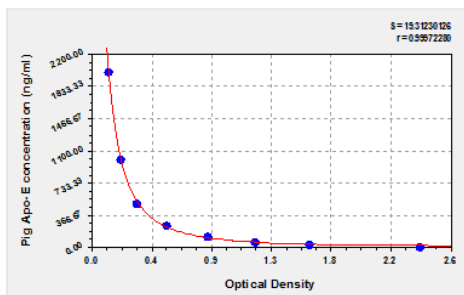
PRODUCT SYNONYMS

apolipoprotein E (Apo-E); Pig apolipoprotein E; Apo-E ELISA Kit; Pig apolipoprotein E (Apo-E) ELISA Kit; AD2; LDLCQ5; LPG; MGC1571; apolipoprotein E3; Pig apolipoprotein E (Apo-E); APOE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of pig Apo-E. No significant cross-reactivity or interference between pig Apo-E and analogues was observed.
Sequence Length	317
Samples	Serum, plasma, tissue homogenates.
Assay Type	Competitive
Detection Range	31.25 ng/ml -2000 ng/ml.
Sensitivity	7.81 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. 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 APOE 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 Apo-E. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated antibody preparation specific for Apo-E. The competitive inhibition reaction is launched between with pre-coated Apo-E and Apo-E in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of Apo-E in the samples. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47523674
NCBI GeneID	397576
NCBI Accession #	NP_999473.1
NCBI GenBank Nucleotide #	NM_214308.1
UniProt Accession #	P18650; O19099
Molecular Weight	36,599 Da
NCBI Official Full Name	apolipoprotein E
NCBI Official Symbol	APOE
NCBI Protein Information	apolipoprotein E; apo-E
UniProt Protein Name	Apolipoprotein E
UniProt Gene Name	APOE
UniProt Synonym Gene Names	Apo-E
UniProt Entry Name	APOE_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.

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Online datasheet: <https://stage.aaabiotech.com/apoe-pig-elisa-kits/apolipoprotein-e-apo-e/112971>