

Rat apolipoprotein E ELISA Kit | APOE elisa kit

Rat apolipoprotein E, Apo-E ELISA Kit

CATALOG #
AAA15131

REACTIVITY
Rat

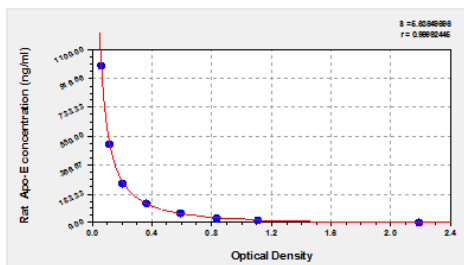
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat Apo-E. No significant cross-reactivity or interference between rat Apo-E and analogues was observed.
Sequence Length	311
Assay Type	Competitive
Samples	Serum, plasma, tissue homogenates and cell culture supernates
Detection Range	15.6 ng/ml-1000 ng/ml
Sensitivity	< 15.6 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	130488075
NCBI GeneID	100009337
NCBI Accession #	NP_001076112.1
NCBI GenBank Nucleotide #	NM_001082643.1
UniProt Accession #	P18287
Molecular Weight	35,497 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_RABIT

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-rat-elisa-kits/apolipoprotein-e/15131>