

Human apolipoprotein E ELISA Kit | APOE elisa kit

Human apolipoprotein E, Apo-E ELISA Kit

CATALOG #
AAA80596

REACTIVITY
Human

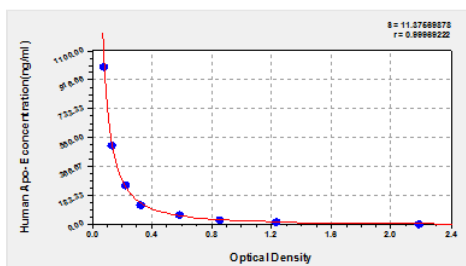
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human APOE. No significant cross-reactivity or interference between Human APOE and analogues was observed.
Sequence Length	317
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Assay Type	Competitive
Detection Range	15.62 ng/ml-1000 ng/ml
Sensitivity	3.9ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Apolipoprotein
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 #	4557325
NCBI GeneID	348
NCBI Accession #	NP_000032.1
NCBI GenBank Nucleotide #	NM_000041.2
UniProt Accession #	P02649; Q9P2S4; B2RC15; C0JYY5
Molecular Weight	36,154 Da
NCBI Official Full Name	apolipoprotein E
NCBI Official Synonym Full Names	apolipoprotein E
NCBI Official Symbol	APOE
NCBI Official Synonym Symbols	AD2; LPG; LDLCQ5
NCBI Protein Information	apolipoprotein E; apo-E; apolipoprotein E3
UniProt Protein Name	Apolipoprotein E
UniProt Gene Name	APOE
UniProt Synonym Gene Names	Apo-E
UniProt Entry Name	APOE_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.