

Mouse Apolipoprotein E ELISA Kit | APO-E elisa kit

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CATALOG #
AAA99900

REACTIVITY
Mouse

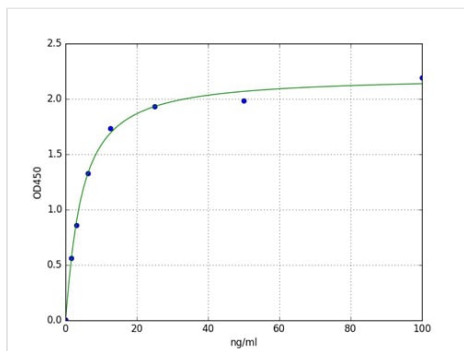
PRODUCT SYNONYMS

Apolipoprotein E; Mouse Apolipoprotein E ELISA Kit; APO-E (Apolipoprotein E)/Apo-E/MGC1571/apolipoprotein E3; APO-E elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	317
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	1.563-100ng/ml
Sensitivity	0.938ng/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 APO-E 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	1.563	3.125	6.25	12.5	25	50	100
Y	OD450	0.011	0.089	0.135	0.288	0.540	0.963	1.594	2.333

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APO-E elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-APO-E antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- APO-E 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 APO-E amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of APO-E can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

705044152

NCBI GeneID	348
NCBI Accession #	NP_001289620.1
NCBI GenBank Nucleotide #	NM_001302691.1
Molecular Weight	36,154 Da
NCBI Official Full Name	apolipoprotein E isoform b
NCBI Official Synonym Full Names	apolipoprotein E
NCBI Official Symbol	APOE
NCBI Official Synonym Symbols	AD2; LPG; APO-E; LDLQC5
NCBI Protein Information	apolipoprotein E
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.

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Online datasheet: <https://stage.aaabiotech.com/apo-e-mouse-elisa-kits/apolipoprotein-e/99900>