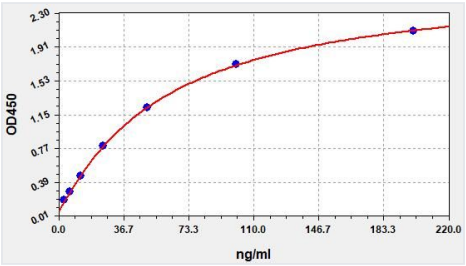
Apoe (Apolipoprotein E) (APOE) ELISA Kit for Rat

PRODUCT OVERVIEW

Product Name	Apoe (Apolipoprotein E), ELISA Kit
Full Product Name	Rat Apoe (Apolipoprotein E) QuickTest ELISA Kit
Product Gene Name	Apoe elisa kit
Product Synonym Names	Apolipoprotein E; Apo-E; APOE
Species Reactivity	Rat
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, plasma, cell culture supernatant, cell lysate or tissue lysate, other biological fluid samples
Detection Range	3.125-200ng/ml
Sensitivity	1.875ng/ml
Preparation and Storage	Store at 2-8 degree C for 12 months
Molecular Weight	35,753 Da
3D Structure	ModBase 3D Structure for P02650
Time	120 minutes
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Related Product Information for Apoe elisa kit	MBS7618535 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Apoe (Apolipoprotein E) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing Apoe. The ELISA analytical biochemical technique of the MBS7618535 kit is based on Apoe antibody-Apoe antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect Apoe antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, Apoe. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of Apoe elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Typical Testing Data/Standard Curve (for reference only) of Apoe elisa kit

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Apoe. It may not necessarily be applicable to this product.

NCBI GI #	397529595

NCBI GeneID	25728
NCBI Accession #	NP_001257610.1
UniProt Primary Accession #	P02650
UniProt Related Accession #	P02650
GenBank Nucleotide #	NM_001270681.1
NCBI Official Full Name	apolipoprotein E
NCBI Official Synonym Full Names	apolipoprotein E
NCBI Official Symbol	Apoe
NCBI Official Synonym Symbols	APOEA
UniProt Protein Name	Apolipoprotein E
Protein Family	Apolipoprotein
UniProt Gene Name	Apoe
UniProt Synonym Gene Names	Apo-E
NCBI Protein Information	apolipoprotein E
NCBI Summary for Apoe	plays a role in plasma lipoprotein transport [RGD, Feb 2006]
UniProt Comments for Apoe	Mediates the binding, internalization, and catabolism of lipoprotein particles. It can serve as a ligand for the LDL (apo B/E) receptor and for the specific apo-E receptor (chylomicron remnant) of hepatic tissues.
Research Articles on Apoe	**1.** The expression of ApoE and S-100 correlated with the progression of focal cerebral contusion.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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