

Human Apolipoprotein E ELISA Kit | APOE elisa kit

Human Apolipoprotein E ELISA Kit

CATALOG #
AAA16447

REACTIVITY
Human

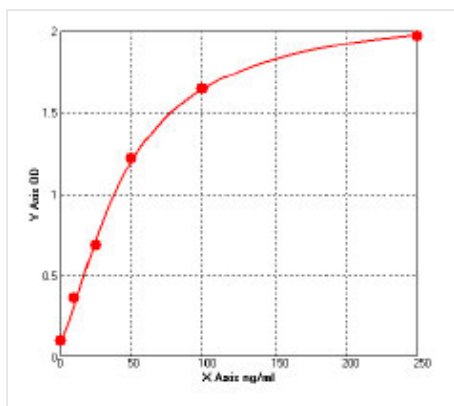
PRODUCT SYNONYMS

Apolipoprotein E; Human Apolipoprotein E ELISA Kit; APOE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ApoE. No significant cross-reactivity or interference between ApoE and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ApoE and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APOE elisa kit	Principle of the Assay: ApoE ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for ApoE. Standards or samples are then added to the microtiter plate wells and ApoE if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of ApoE present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for ApoE are added to each well to "sandwich" the ApoE immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain ApoE and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ApoE concentration in each sample is interpolated from this standard curve. Intended Uses: This ApoE ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ApoE. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for APOE elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557325
NCBI GeneID	348
NCBI Accession #	NP_000032.1
NCBI GenBank Nucleotide #	NM_000041.2
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/apoe-human-elisa-kits/apolipoprotein-e/16447>