

Mouse Apolipoprotein C4 (APOC4) ELISA Kit | APOC4 elisa kit

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CATALOG #
AAA65086

REACTIVITY
Mouse

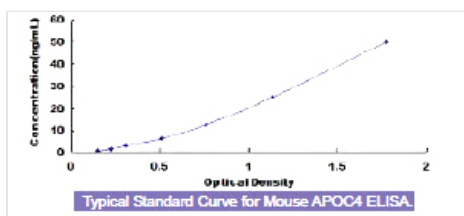
PRODUCT SYNONYMS

Apolipoprotein C4 (APOC4); Mouse Apolipoprotein C4 (APOC4) ELISA Kit; Apo-C4; Apolipoprotein C-IV; APOC4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of APOC4. No significant cross-reactivity or interference between APOC4 and analogues was observed.
Sequence Length	124
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.17ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level APOC4 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level APOC4 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APOC4 elisa kit	Intended Uses: This kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of APOC4 in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to APOC4. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to APOC4. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain APOC4, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of APOC4 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6671501
NCBI GeneID	11425
NCBI Accession #	NP_031411.1
NCBI GenBank Nucleotide #	NM_007385.3
UniProt Accession #	Q61268
Molecular Weight	14,288 Da
NCBI Official Full Name	apolipoprotein C-IV
NCBI Official Synonym Full Names	apolipoprotein C-IV
NCBI Official Symbol	Apoc4
NCBI Official Synonym Symbols	Acl; apo-CIV; apoC-IV
NCBI Protein Information	apolipoprotein C-IV
UniProt Protein Name	Apolipoprotein C-IV
UniProt Gene Name	Apoc4
UniProt Synonym Gene Names	Acl; Apo-CIV; ApoC-IV; ACL

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/mouse-elisa-kits/apolipoprotein-c4-apoc4/65086>