

Human ApoC4 ELISA Kit | ApoC4 elisa kit

Human ApoC4 (Apolipoprotein C4) ELISA Kit

CATALOG #
AAA165530

REACTIVITY
Human

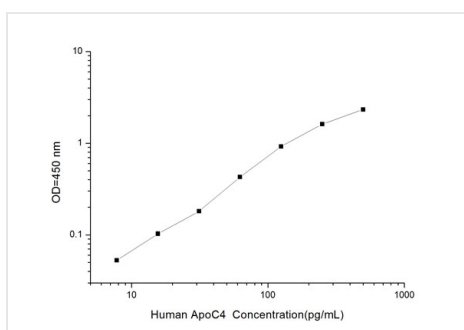
PRODUCT SYNONYMS

ApoC4; Human ApoC4 (Apolipoprotein C4) ELISA Kit; ApoC4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human ApoC4 in samples. No significant cross-reactivity or interference between Human ApoC4 and analogues was observed.
Sequence Length	127
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	7.81-500pg/mL
Sensitivity	4.69pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human ApoC4 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human ApoC4 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ApoC4 elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human ApoC4. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human ApoC4 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human ApoC4, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Human ApoC4. You can calculate the concentration of Human ApoC4 in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human ApoC4 concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502161
NCBI GeneID	346
NCBI Accession #	NP_001637.1
NCBI GenBank Nucleotide #	NM_001646.2
UniProt Accession #	P55056; Q53YY8; B3KWY6
Molecular Weight	14,553 Da
NCBI Official Full Name	apolipoprotein C-IV
NCBI Official Synonym Full Names	apolipoprotein C-IV
NCBI Official Symbol	APOC4
NCBI Official Synonym Symbols	APO-CIV; APOC-IV
NCBI Protein Information	apolipoprotein C-IV; apolipoprotein C4
UniProt Protein Name	Apolipoprotein C-IV
UniProt Gene Name	APOC4
UniProt Synonym Gene Names	Apo-CIV; ApoC-IV
UniProt Entry Name	APOC4_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.