

Human apolipoprotein C-IV ELISA Kit | APOC4 elisa kit

Human Apolipoprotein C-IV, APOC4 ELISA Kit

CATALOG #
AAA112620

REACTIVITY
Human

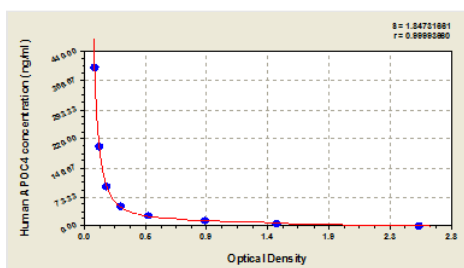
PRODUCT SYNONYMS

apolipoprotein C-IV; Human Apolipoprotein C-IV; APOC4 ELISA Kit; Human Apolipoprotein C-IV (APOC4) ELISA kit; APOC4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human APOC4. No significant cross-reactivity or interference between human APOC4 and analogues was observed.
Sequence Length	127
Samples	Serum, plasma, tissue homogenates.
Assay Type	Competitive
Detection Range	6.25 ng/ml -400 ng/ml.
Sensitivity	1.56 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APOC4 elisa kit

Principle of the Assay||This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with APOC4. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated antibody preparation specific for APOC4. The competitive inhibition reaction is launched between with pre-coated APOC4 and APOC4 in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of APOC4 in the samples. The color development is stopped and the intensity of the color is measured.

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.

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Online datasheet: <https://stage.aaabiotech.com/apoc4-human-elisa-kits/apolipoprotein-c-iv/112620>