

Human apolipoprotein C-II ELISA Kit | APOC2 elisa kit

Human Apolipoprotein C2, apo-C2 ELISA Kit

CATALOG #
AAA79650

REACTIVITY
Human

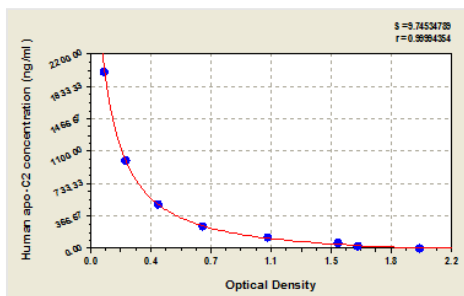
PRODUCT SYNONYMS

apolipoprotein C-II; Human Apolipoprotein C2; apo-C2 ELISA Kit; MGC75082; ; APOC2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human apo-C2. No significant cross-reactivity or interference between human apo-C2 and analogues was observed.
Sequence Length	101
Samples	Serum, plasma, tissue homogenates
Assay Type	Competitive
Detection Range	31.2 ng/ml -2000 ng/ml.
Sensitivity	The minimum detectable dose of human apo-C2 is typically less than 15.6 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest human apo-C2 concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
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 APOC2 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 apo-C2. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated antibody preparation specific for apo-C2. The competitive inhibition reaction is launched between with pre-coated apo-C2 and apo-C2 in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of apo-C2 in the sample. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	32130518
NCBI GeneID	344
NCBI Accession #	NP_000474.2
NCBI GenBank Nucleotide #	NM_000483.4
UniProt Accession #	P02655; Q9BS39; Q9UDE3; Q9UNK3; C0JYY4
Molecular Weight	11,284 Da
NCBI Official Full Name	apolipoprotein C-II
NCBI Official Synonym Full Names	apolipoprotein C-II
NCBI Official Symbol	APOC2
NCBI Official Synonym Symbols	APO-CII; APOC-II
NCBI Protein Information	apolipoprotein C-II; apolipoprotein C2
UniProt Protein Name	Apolipoprotein C-II
UniProt Gene Name	APOC2
UniProt Synonym Gene Names	APC2; Apo-CII; ApoC-II
UniProt Entry Name	APOC2_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.