

Monkey Apolipoprotein C1 ELISA Kit | APOC1 elisa kit

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CATALOG #
AAA92894

REACTIVITY
Monkey

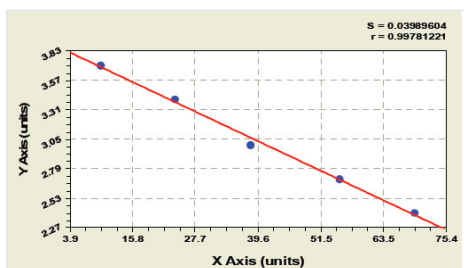
PRODUCT SYNONYMS

Apolipoprotein C1; Monkey Apolipoprotein C1 ELISA Kit; APOC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This ApoC1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey ApoC1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APOC1 elisa kit

Principle of the Assay: ApoC1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ApoC1 antibody and an ApoC1-HRP conjugate. The assay sample and buffer are incubated together with ApoC1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ApoC1 concentration since ApoC1 from samples and ApoC1-HRP conjugate compete for the anti-ApoC1 antibody binding site. Since the number of sites is limited, as more sites are occupied by ApoC1 from the sample, fewer sites are left to bind ApoC1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ApoC1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for APOC1 elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502157
NCBI GeneID	341
NCBI Accession #	NP_001636.1
NCBI GenBank Nucleotide #	NM_001645.3
Molecular Weight	9,332 Da
NCBI Official Full Name	apolipoprotein C-I
NCBI Official Synonym Full Names	apolipoprotein C-I
NCBI Official Symbol	APOC1
NCBI Protein Information	apolipoprotein C-I; apo-C1B; apoC-1B; apolipoprotein C1; apolipoprotein C-I variant I
UniProt Protein Name	Apolipoprotein C-I
UniProt Gene Name	APOC1
UniProt Entry Name	APOC1_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/apoc1-monkey-elisa-kits/apolipoprotein-c1/92894>