

Human Apolipoprotein C1 ELISA Kit | APOC1 elisa kit

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CATALOG #
AAA82342

REACTIVITY
Human

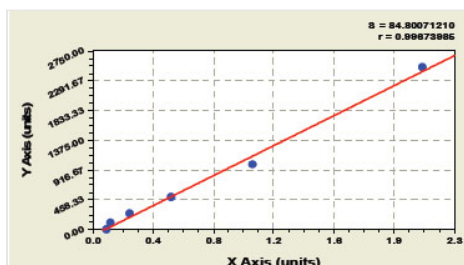
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	100-2500ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for APOC1 elisa kit

Intended Uses: This ApoC1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ApoC1. This ELISA kit for research use only!

Principle of the Assay: ApoC1 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for ApoC1. Standards or samples are then added to the microtiter plate wells and ApoC1 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of ApoC1 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for ApoC1 are added to each well to "sandwich" the ApoC1 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain ApoC1 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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-human-elisa-kits/apolipoprotein-c1/82342>