

Rat ApoC3 ELISA Kit | ApoC3 elisa kit

Rat ApoC3 (Apolipoprotein C3) ELISA Kit

CATALOG #
AAA166072

REACTIVITY
Rat

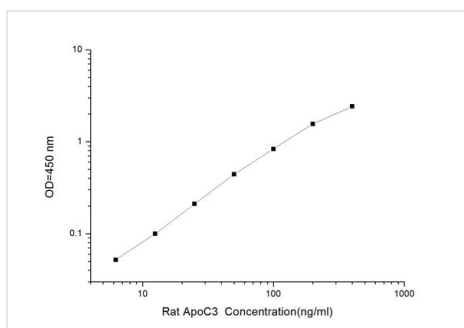
PRODUCT SYNONYMS

ApoC3; Rat ApoC3 (Apolipoprotein C3) ELISA Kit; ApoC3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat ApoC3. No significant cross-reactivity or interference between Rat ApoC3 and analogues was observed.
Sequence Length	99
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	6.25-400ng/ml
Sensitivity	Min: 3.75ng/ml; Max: 400ng/ml
Intended Uses	This ELISA kit applies to the in vitro quantitative determination of Rat ApoC3 concentrations in serum, plasma and other biological fluids.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ApoC3 elisa kit	Principle of the assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to ApoC3. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for ApoC3 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain ApoC3, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid 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 ApoC3. You can calculate the concentration of ApoC3 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557323
NCBI GeneID	345
NCBI Accession #	NP_000031.1
NCBI GenBank Nucleotide #	NM_000040.1
Molecular Weight	10,852 Da
NCBI Official Full Name	apolipoprotein C-III
NCBI Official Synonym Full Names	apolipoprotein C-III
NCBI Official Symbol	APOC3
NCBI Official Synonym Symbols	HALP2; APOCIII
NCBI Protein Information	apolipoprotein C-III; apo-CIII; apoC-III; apolipoprotein C3
UniProt Protein Name	Apolipoprotein C-III
UniProt Gene Name	APOC3
UniProt Synonym Gene Names	Apo-CIII; ApoC-III
UniProt Entry Name	APOC3_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.