

Rat apolipoprotein C-III ELISA Kit | APOC3 elisa kit

Rat Apolipoprotein C-III, APOC3 ELISA Kit

CATALOG #
AAA112767

REACTIVITY
Rat

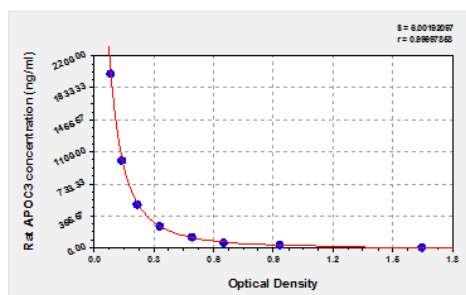
PRODUCT SYNONYMS

apolipoprotein C-III; Rat Apolipoprotein C-III; APOC3 ELISA Kit; Rat Apolipoprotein C-III (APOC3) ELISA kit; APOCIII; MGC150353; ; APOC3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat APOC3. No significant cross-reactivity or interference between rat APOC3 and analogues was observed.
Sequence Length	101
Samples	Serum, plasma, tissue homogenates.
Assay Type	Competitive
Detection Range	31.25 ng/ml-2000 ng/ml.
Sensitivity	The minimum detectable dose of rat APOC3 is typically less than 7.8 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein 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 APOC3 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 APOC3. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated antibody preparation specific for APOC3. The competitive inhibition reaction is launched between with pre-coated APOC3 and APOC3 in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of APOC3 in the samples. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6226553
NCBI GeneID	24207
UniProt Accession #	P06759
Molecular Weight	11,117 Da
NCBI Official Full Name	Apolipoprotein C-III
NCBI Official Synonym Full Names	apolipoprotein C-III
NCBI Official Symbol	Apoc3
NCBI Official Synonym Symbols	ApoC-III; apo-CIII
NCBI Protein Information	apolipoprotein C-III; apolipoprotein C3; apolipoprotein C-3
UniProt Protein Name	Apolipoprotein C-III
UniProt Gene Name	Apoc3
UniProt Synonym Gene Names	Apo-CIII; ApoC-III
UniProt Entry Name	APOC3_RAT

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/apoc3-rat-elisa-kits/apolipoprotein-c-iii/112767>