

Rat apolipoprotein A-V ELISA Kit | APOA5 elisa kit

Rat Apolipoprotein A5, apo-A5 ELISA Kit

CATALOG #
AAA80923

REACTIVITY
Rat

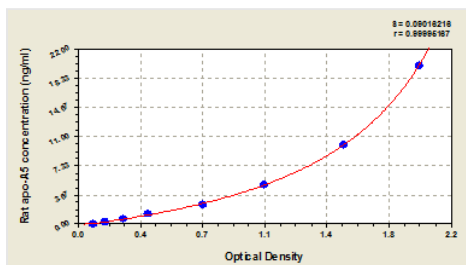
PRODUCT SYNONYMS

apolipoprotein A-V; Rat Apolipoprotein A5; apo-A5 ELISA Kit; Rat Apolipoprotein A5 (apo-A5) ELISA Kit; APOAV; FLJ97995; MGC126836; MGC126838; RAP3; apolipoprotein A5; regeneration-associated protein 3; APOA5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat Apo-A5. No significant cross-reactivity or interference between rat Apo-A5 and analogues was observed.
Sequence Length	367
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	0.312 ng/ml -20 ng/ml.
Sensitivity	The minimum detectable dose of rat Apo-A5 is typically less than 0.078 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 APOA5 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for apo-A5 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any apo-A5 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for apo-A5 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of apo-A5 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	471270246
NCBI GeneID	140638
NCBI Accession #	NP_001264193.1
NCBI GenBank Nucleotide #	NM_001277264.1
UniProt Accession #	Q9QUH3; Q5FVT8
Molecular Weight	41,427 Da
NCBI Official Full Name	apolipoprotein A-V
NCBI Official Synonym Full Names	apolipoprotein A-V
NCBI Official Symbol	Apoa5
NCBI Official Synonym Symbols	apo-AV; apoA-V
NCBI Protein Information	apolipoprotein A-V; apolipoprotein A5; regeneration-associated protein 3
UniProt Protein Name	Apolipoprotein A-V
UniProt Gene Name	Apoa5
UniProt Synonym Gene Names	Rap3; Apo-AV; ApoA-V
UniProt Entry Name	APOA5_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/apoa5-rat-elisa-kits/apolipoprotein-a-v/80923>