

Rat Apolipoprotein A5 ELISA Kit | ApoA5 elisa kit

Rat ApoA5 (Apolipoprotein A5) ELISA Kit

CATALOG #
AAA171551

REACTIVITY
Rat

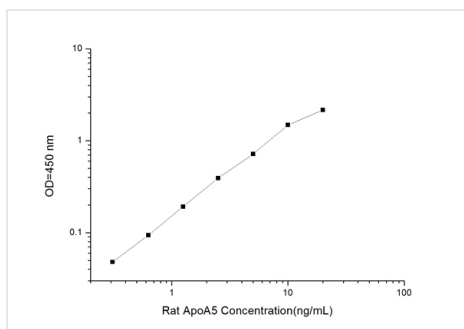
PRODUCT SYNONYMS

Apolipoprotein A5; Rat ApoA5 (Apolipoprotein A5) ELISA Kit; ApoA5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat ApoA5. No significant cross-reactivity or interference between Rat ApoA5 and analogues was observed.
Sequence Length	366
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.313-20ng/mL
Sensitivity	Min: 0.188ng/mL; Max: 20ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ApoA5 elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of RatApoA5concentrations in serum, plasma and other biological fluids. 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 ApoA5. 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 ApoA5and 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 ApoA5, 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 ApoA5. You can calculate the concentration of ApoA5in the samples by comparing the OD of the samples to the standard curve.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	262231737
NCBI GeneID	116519
NCBI Accession #	NP_001160070.1
NCBI GenBank Nucleotide #	NM_001166598.1
UniProt Accession #	Q6Q788; Q3MIK6; Q6UWK9; Q9UBJ3; B0YIV9
Molecular Weight	41,213 Da
NCBI Official Full Name	apolipoprotein A-V
NCBI Official Synonym Full Names	apolipoprotein A5
NCBI Official Symbol	APOA5
NCBI Official Synonym Symbols	RAP3; APOAV
NCBI Protein Information	apolipoprotein A-V
UniProt Protein Name	Apolipoprotein A-V
UniProt Gene Name	APOA5
UniProt Synonym Gene Names	RAP3; Apo-AV; ApoA-V
UniProt Entry Name	APOA5_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.