

Rat HMG-CoAR ELISA Kit | HMG-CoAR elisa kit

Rat HMG-CoAR(3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase)ELISA Kit

CATALOG #
AAA21471

REACTIVITY
Rat

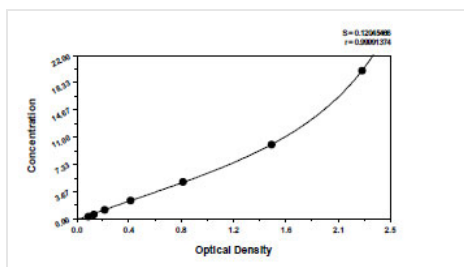
PRODUCT SYNONYMS

HMG-CoAR; Rat HMG-CoAR(3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase)ELISA Kit; HMG-CoAR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinantRatHMG-CoAR. No significant cross-reactivity or interference between RatHMG-CoAR and analogues was observed.
Sequence Length	410
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 HMG-CoAR elisa kit

Intended Uses: This ELISA kit applies to the invitro quantitative determination of RatHMG-CoARconcentrations 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 HMG-CoAR. 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 HMG-CoARand 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 HMG-CoAR, 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 HMG-CoAR.You can calculate the concentration of HMG-CoARin the samples by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	146186446
NCBI GeneID	100125499
Molecular Weight	42,979 Da
NCBI Official Full Name	HMG CoA-reductase, partial
NCBI Official Symbol	hmg-coa
NCBI Protein Information	HMG CoA-reductase
UniProt Protein Name	3-hydroxy-3-methylglutaryl coenzyme A reductase
UniProt Gene Name	HMG-CoA
UniProt Entry Name	A5HL74_ORYLA

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/rat-elisa-kits/hmg-coar/21471>