

Rat Hydroxymethylglutaryl CoA Reductase (HMG-CoAR) ELISA Kit | HMG-CoAR elisa kit

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CATALOG #
AAA120889

REACTIVITY
Rat

PRODUCT SYNONYMS

Hydroxymethylglutaryl CoA Reductase (HMG-CoAR); Rat Hydroxymethylglutaryl CoA Reductase (HMG-CoAR) ELISA Kit; HMG-CoAR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	920
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.103ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HMG-CoAR elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Hydroxymethylglutaryl CoA Reductase (also known as HMG-CoAR) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat HMG-CoAR antibody. HMG-CoAR present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat HMG-CoAR Antibody is added and binds to HMG-CoAR in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated HMG-CoAR antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat HMG-CoAR. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	24649399
NCBI GeneID	42803
NCBI Accession #	NP_732900.1
NCBI GenBank Nucleotide #	NM_170089.2
UniProt Accession #	P14773; Q9VCI8; A4V3A8
Molecular Weight	98,317 Da
NCBI Official Full Name	HMG coenzyme A reductase
NCBI Official Synonym Full Names	HMG Coenzyme A reductase
NCBI Official Symbol	Hmgcr
NCBI Official Synonym Symbols	BcDNA:LD15354; bro1; bs32f05.y1; CG10367; clb; Clb; DmeICG10367; DmHMG-CoAr; Hmg; HmG-CoAR; hmgc; HMGCoAr; HMGCoAR; HMGCoARr; hmgcr; HMGCR; HMGCR_Dm; HMGR; hmgrc; I(3)01152; I(3)04684
NCBI Protein Information	HMG coenzyme A reductase
UniProt Protein Name	3-hydroxy-3-methylglutaryl-coenzyme A reductase
UniProt Gene Name	Hmgcr
UniProt Synonym Gene Names	HmG-CoAR; HMG-CoA reductase

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/hydroxymethylglutaryl-coa-reductase-hmg-coar/120889>