

Mouse 3-hydroxy-3-methylglutaryl-coenzyme A reductase ELISA Kit | Hmgcr elisa kit

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CATALOG #
AAA190486

REACTIVITY
Mouse

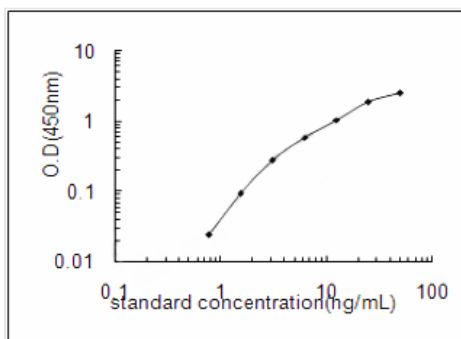
PRODUCT SYNONYMS

3-hydroxy-3-methylglutaryl-coenzyme A reductase; Mouse 3-hydroxy-3-methylglutaryl-coenzyme A reductase ELISA Kit; HMG-CoA reductase; Hmgcr; 1.1.1.34; Hmgcr elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	887
Assay Type	Sandwich
Detection Range	0.78-50 ng/mL
Sensitivity	0.393 ng/mL
Intra-Assay CV	<=4.6%
Inter-Assay CV	<=7.4%
Recovery	96%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Hmgcr elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	160358778
NCBI GeneID	15357
NCBI Accession #	NP_032281.2
NCBI GenBank Nucleotide #	NM_008255.2
UniProt Accession #	Q01237; Q5U4I2; G3X8U5
Molecular Weight	97,040 Da
NCBI Official Full Name	3-hydroxy-3-methylglutaryl-coenzyme A reductase
NCBI Official Synonym Full Names	3-hydroxy-3-methylglutaryl-Coenzyme A reductase
NCBI Official Symbol	Hmgcr
NCBI Official Synonym Symbols	Red; HMG-CoAR
NCBI Protein Information	3-hydroxy-3-methylglutaryl-coenzyme A reductase
UniProt Protein Name	3-hydroxy-3-methylglutaryl-coenzyme A reductase
UniProt Gene Name	Hmgcr
UniProt Synonym Gene Names	HMG-CoA reductase
UniProt Entry Name	HMDH_MOUSE

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/hmgcr-mouse-elisa-kits/3-hydroxy-3-methylglutaryl-coenzyme-a-reductase/190486>