

Human 3-hydroxy-3-methylglutaryl-coenzyme A reductase ELISA Kit | HMGCR elisa kit

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CATALOG #
AAA195574

REACTIVITY
Human

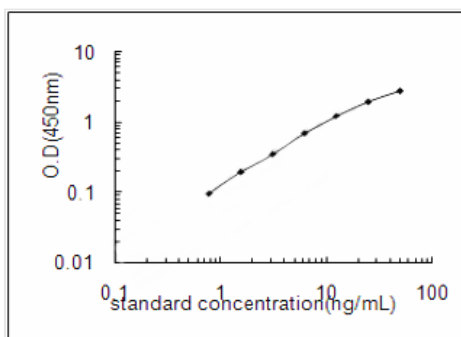
PRODUCT SYNONYMS

3-hydroxy-3-methylglutaryl-coenzyme A reductase; Human 3-hydroxy-3-methylglutaryl-coenzyme A reductase ELISA Kit; HMG-CoA reductase; HMGCR; 1.1.1.34; HMGCR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human HMGCR. No significant cross-reactivity or interference was observed.
Sequence Length	888
Assay Type	Sandwich
Detection Range	0.78-50 ng/mL
Sensitivity	0.23ng/mL
Intra-Assay CV	<=4.7%
Inter-Assay CV	<=8.3%
Recovery	106%
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 human 3-Hydroxy 3-Methylglutaryl Coenzyme A Reductase,HMGCR concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HMGCR. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for HMGCR and 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 HMGCR, 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 HMGCR 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 #	4557643
NCBI GeneID	3156
NCBI Accession #	NP_000850.1
NCBI GenBank Nucleotide #	NM_000859.2
UniProt Accession #	P04035; Q8N190; B7Z3Y9
Molecular Weight	99,752 Da
NCBI Official Full Name	3-hydroxy-3-methylglutaryl-Coenzyme A reductase isoform 1
NCBI Official Synonym Full Names	3-hydroxy-3-methylglutaryl-CoA reductase
NCBI Official Symbol	HMGCR
NCBI Official Synonym Symbols	LDLCQ3
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_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.

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Online datasheet: <https://stage.aaabiotech.com/hmgcr-human-elisa-kits/3-hydroxy-3-methylglutaryl-coenzyme-a-reductase/195574>