

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

Human Hydroxymethylglutaryl CoA Reductase, HMG-CoAR ELISA Kit

CATALOG #
AAA80846

REACTIVITY
Human

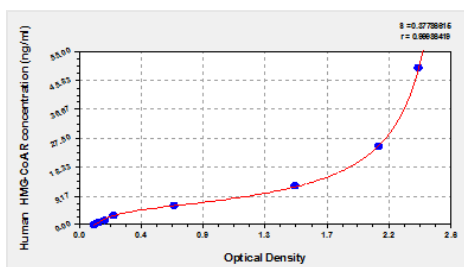
PRODUCT SYNONYMS

3-hydroxy-3-methylglutaryl-Coenzyme A reductase; Human Hydroxymethylglutaryl CoA Reductase; HMG-CoAR ELISA Kit; Human Hydroxymethylglutaryl CoA Reductase (HMG-CoAR) ELISA kit; LDLCO3; 3-hydroxy-3-methylglutaryl CoA reductase (NADPH) ; hydroxymethylglutaryl-CoA reductase; HMGR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of rat HMGB-1. No significant cross-reactivity or interference between rat HMGB-1 and analogues was observed.
Sequence Length	888
Samples	Serum, Plasma, Tissue Homogenates, Cell Culture Supernates
Assay Type	Quantitative Sandwich
Detection Range	62.5 pg/ml-4000 pg/ml
Sensitivity	15.6 pg/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HMGCR elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for HMGB-1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HMGB-1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for HMGB-1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of HMGB-1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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	97,476 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; HMG-CoA reductase; hydroxymethylglutaryl-CoA reductase; 3-hydroxy-3-methylglutaryl CoA reductase (NADPH)
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/80846>