

Mouse Hmgcs2 (Hydroxymethylglutaryl-CoA synthase, mitochondrial) ELISA Kit | Hmgcs2 elisa kit

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CATALOG #
AAA249882

REACTIVITY
Mouse

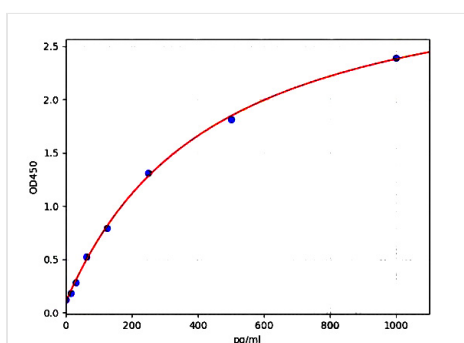
PRODUCT SYNONYMS

Hmgcs2 (Hydroxymethylglutaryl-CoA synthase; mitochondrial); Mouse Hmgcs2 (Hydroxymethylglutaryl-CoA synthase; mitochondrial) ELISA Kit; Hydroxymethylglutaryl-CoA synthase; mitochondrial; HMG-CoA synthase; 3-hydroxy-3-methylglutaryl coenzyme A synthase; Hmgcs2; Hmgcs2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Hmgcs2. No significant crossreactivity or interference between Hmgcs2 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Hmgcs2 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31560689
NCBI GeneID	15360
NCBI Accession #	NP_032282.2
NCBI GenBank Nucleotide #	NM_008256.4
UniProt Accession #	P54869; Q64740; Q9DBK1; Q9DBM4
Molecular Weight	56,823 Da
NCBI Official Full Name	hydroxymethylglutaryl-CoA synthase, mitochondrial
NCBI Official Synonym Full Names	3-hydroxy-3-methylglutaryl-Coenzyme A synthase 2
NCBI Official Symbol	Hmgcs2
NCBI Official Synonym Symbols	mHS; 1300002P16
NCBI Protein Information	hydroxymethylglutaryl-CoA synthase, mitochondrial; HMG-CoA synthase; 3-hydroxy-3-methylglutaryl coenzyme A synthase
UniProt Protein Name	Hydroxymethylglutaryl-CoA synthase, mitochondrial
UniProt Gene Name	Hmgcs2
UniProt Synonym Gene Names	HMG-CoA synthase
UniProt Entry Name	HMCS2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/hmgcs2-hydroxymethylglutaryl-coa-synthase-mitochondrial/249882>