

Human Hydroxymethylglutaryl Coenzyme A Synthase (HMGCS) RTU ELISA Kit | HMGCS rtu elisa kit

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CATALOG #
AAA71177

REACTIVITY
Human

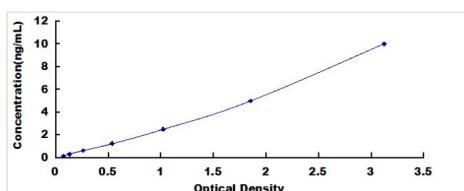
PRODUCT SYNONYMS

Hydroxymethylglutaryl Coenzyme A Synthase (HMGCS); Human Hydroxymethylglutaryl Coenzyme A Synthase (HMGCS) ELISA Kit; HMGCS1; 3-Hydroxy-3-Methylglutaryl-Coenzyme A Synthase 1; Soluble; HMG-CoA Synthase; HMGCS rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	466
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.053ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HMGCS rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HMGCS. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HMGCS. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain HMGCS, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of HMGCS in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	260656028
NCBI GeneID	3158
NCBI Accession #	NP_001159579.1
NCBI GenBank Nucleotide #	NM_001166107.1
UniProt Accession #	P54868; Q5SZU2; Q6IBF4; B7Z8R3; D3Y5K6
Molecular Weight	50,050 Da
NCBI Official Full Name	hydroxymethylglutaryl-CoA synthase, mitochondrial isoform 2
NCBI Official Synonym Full Names	3-hydroxy-3-methylglutaryl-CoA synthase 2
NCBI Official Symbol	HMGCS2
NCBI Protein Information	hydroxymethylglutaryl-CoA synthase, mitochondrial
UniProt Protein Name	Hydroxymethylglutaryl-CoA synthase, mitochondrial
UniProt Gene Name	HMGCS2
UniProt Synonym Gene Names	HMG-CoA synthase

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/human-rtu-elisa-kits/hydroxymethylglutaryl-coenzyme-a-synthase-hmgcs/71177>