

# Human Hydroxymethylglutaryl CoA synthase, mitochondrial, HMGCS2 ELISA Kit | HMGCS2 elisa kit

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CATALOG #  
**AAA123850**

REACTIVITY  
**Human**

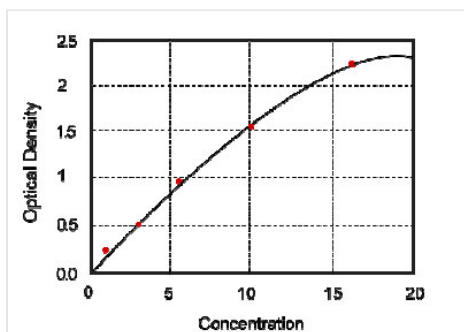
## PRODUCT SYNONYMS

Hydroxymethylglutaryl CoA synthase; mitochondrial; HMGCS2; Human Hydroxymethylglutaryl CoA synthase; HMGCS2 ELISA Kit; HMGCS2 elisa kit

## PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                                                |
| Samples                 | Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids                                                                                                                                       |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                                                                |
| Detection Range         | 0.05-30ng/ml                                                                                                                                                                                                                         |
| Sensitivity             | 0.028ng/ml                                                                                                                                                                                                                           |
| Intra-assay Precision   | Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%                                                                  |
| Inter-assay Precision   | Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%                                     |
| Preparation and Storage | Store the reagents at 2-8 degree C. For long term storage refer to the expiration date keep it at -20 degree C. Avoid repeated thaw cycles. If individual reagents are opened it is recommended that the kit be used within 1 month. |

## IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| <b>Related Product Information for HMGCS2 elisa kit</b> | <p>Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Hydroxymethylglutaryl CoA synthase (also known as HMGCS2) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.</p> <p>Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human HMGCS2 antibody. HMGCS2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human HMGCS2 Antibody is added and binds to HMGCS2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated HMGCS2 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human HMGCS2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.</p> |
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**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-elisa-kits/hydroxymethylglutaryl-coa-synthase-mitochondrial-hmgcs2/123850>