

Human Elongation of very long chain fatty acids protein 1 ELISA Kit | ELOVL1 elisa kit

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CATALOG #
AAA101995

REACTIVITY
Human

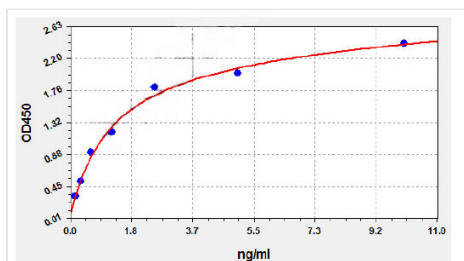
PRODUCT SYNONYMS

Elongation of very long chain fatty acids protein 1; Human Elongation of very long chain fatty acids protein 1 ELISA Kit; ELOVL1 (Elongation of very long chain fatty acids protein 1)/CGI-88/SSC1/ELOVL FA elongase 1/Very-long-chain 3-oxoacyl-CoA synthase 1/3-keto acyl-CoA synthase ELOVL1/ELOVL fatty acid elongase 1; ELOVL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ELOVL1. No significant cross-reactivity or interference between ELOVL1 and analogues was observed.
Sequence Length	279
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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 ELOVL1 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 #	13489093
NCBI GeneID	64834
NCBI Accession #	NP_073732.1
NCBI GenBank Nucleotide #	NM_022821.3
Molecular Weight	29,485 Da
NCBI Official Full Name	elongation of very long chain fatty acids protein 1 isoform 1
NCBI Official Synonym Full Names	ELOVL fatty acid elongase 1
NCBI Official Symbol	ELOVL1
NCBI Official Synonym Symbols	Ssc1; CGI-88
NCBI Protein Information	elongation of very long chain fatty acids protein 1
UniProt Protein Name	Elongation of very long chain fatty acids protein 1
UniProt Gene Name	ELOVL1
UniProt Synonym Gene Names	ELOVL FA elongase 1
UniProt Entry Name	ELOV1_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.