

Human Elongation Of Very Long Chain Fatty Acids Like Protein 4 (ELOVL4) ELISA Kit | ELOVL4 elisa kit

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CATALOG #
AAA188287

REACTIVITY
Human

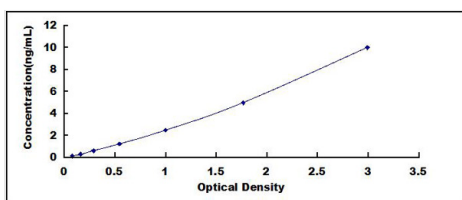
PRODUCT SYNONYMS

Elongation Of Very Long Chain Fatty Acids Like Protein 4 (ELOVL4); Human Elongation Of Very Long Chain Fatty Acids Like Protein 4 (ELOVL4) ELISA Kit; ADMD; STGD2; STGD3; CT118; Cancer/Testis Antigen 118; 3-keto acyl-CoA synthase ELOVL4; ELOVL fatty acid elongase 4; Very-long-chain 3-oxoacyl-CoA synthase 4; ELOVL4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Elongation Of Very Long Chain Fatty Acids Like Protein 4 (ELOVL4). No significant cross-reactivity or interference between Elongation Of Very Long Chain Fatty Acids Like Protein 4 (ELOVL4) and analogues was observed.
Sequence Length	314
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates and Other Biological Fluids
Detection Range	0.156-10ng/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 0.055ng/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Elongation Of Very Long Chain Fatty Acids Like Protein 4 (ELOVL4) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Elongation Of Very Long Chain Fatty Acids Like Protein 4 (ELOVL4) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ELOVL4 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Elongation Of Very Long Chain Fatty Acids Like Protein 4 (ELOVL4). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Elongation Of Very Long Chain Fatty Acids Like Protein 4 (ELOVL4). 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 Elongation Of Very Long Chain Fatty Acids Like Protein 4 (ELOVL4), 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 ± 10nm. The concentration of Elongation Of Very Long Chain Fatty Acids Like Protein 4 (ELOVL4) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	12232379
NCBI GeneID	6785
NCBI Accession #	NP_073563.1
NCBI GenBank Nucleotide #	NP_073563.1
UniProt Accession #	Q9GZR5
NCBI Official Full Name	elongation of very long chain fatty acids protein 4
NCBI Official Synonym Full Names	ELOVL fatty acid elongase 4
NCBI Official Symbol	ELOVL4
NCBI Official Synonym Symbols	ADMD; CT118; ISQMR; SCA34; STGD2; STGD3
NCBI Protein Information	elongation of very long chain fatty acids protein 4
UniProt Protein Name	Elongation of very long chain fatty acids protein 4
UniProt Gene Name	ELOVL4
UniProt Synonym Gene Names	ELOVL FA elongase 4
UniProt Entry Name	ELOV4_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/human-elisa-kits/elongation-of-very-long-chain-fatty-acids-like-protein-4-elovl4/188287>