Human FATP2 (Fatty Acid Transport Protein 2) ELISA Kit | FATP2 elisa kit

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CATALOG #	REACTIVITY
AAA277708	**Human**

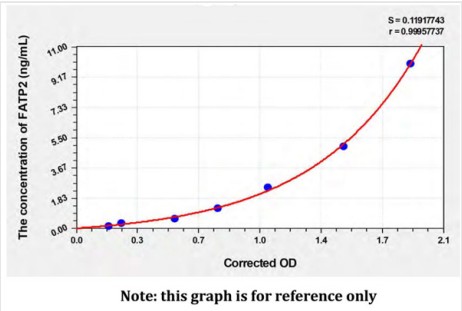
PRODUCT SYNONYMS

FATP2 (Fatty Acid Transport Protein 2); Human FATP2 (Fatty Acid Transport Protein 2) ELISA Kit; SLC27A2; ACSVL1; FACVL1; VLACS; Long-chain fatty acid transport protein 2; FATP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human FATP2. No significant cross-reactivity or interference between Human FATP2 and analogues was observed.
Assay Type	Sandwich
Detection Range	0.16-10 ng/mL
Sensitivity	0.068 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (precision between assays)? CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FATP2 elisa kit	Principle of the Assay: 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 Human FATP2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human FATP2. 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 Human FATP2, 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 Human FATP2 in the samples is then determined by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	308153494
NCBI GeneID	11001
UniProt Accession #	O14975; Q53FY6; Q6PF09; A8K2J7
Molecular Weight	620
NCBI Official Full Name	Very long-chain acyl-CoA synthetase
NCBI Official Synonym Full Names	solute carrier family 27 (fatty acid transporter), member 2
NCBI Official Symbol	SLC27A2
NCBI Official Synonym Symbols	VLCS; FATP2; VLACS; ACSVL1; FACVL1; hFACVL1; HsT17226
NCBI Protein Information	very long-chain acyl-CoA synthetase; FATP-2; THCA-CoA ligase; fatty acid transport protein 2; long-chain-fatty-acid--CoA ligase; solute carrier family 27 member 2; very-long-chain acyl-CoA synthetase; very long-chain-fatty-acid-CoA ligase; very long-chain
UniProt Protein Name	Very long-chain acyl-CoA synthetase
UniProt Gene Name	**SLC27A2**
UniProt Synonym Gene Names	ACSVL1; FACVL1; FATP2; VLACS; VLACS; VLCS; FATP-2
UniProt Entry Name	S27A2_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://www.aaabiotech.com/human-elisa-kits/fatp2-fatty-acid-transport-protein-2/277708