Human Fatty Acid Transport Protein 4 (FATP4) RTU ELISA Kit | FATP4 rtu elisa kit

Human Fatty Acid Transport Protein 4 (FATP4) ELISA Kit

CATALOG #	REACTIVITY
AAA70563	**Human**

PRODUCT SYNONYMS

Fatty Acid Transport Protein 4 (FATP4); Human Fatty Acid Transport Protein 4 (FATP4) ELISA Kit; SLC27A4; FATP4; Long-Chain Fatty Acid Transport Protein 4; Solute Carrier Family 27 Member 4; Fatty Acid Transporter; FATP4 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of FABP2. No significant cross-reactivity or interference between FABP2 and analogues was observed.
Sequence Length	643
Samples	Mouse Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates Or Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.063ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FABP2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level FABP2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
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 FATP4 rtu elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of FABP2 in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to FABP2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to FABP2. 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 FABP2, 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 FABP2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	40807357
NCBI GeneID	10999
NCBI Accession #	NP_005085.2
NCBI GenBank Nucleotide #	NM_005094.3
UniProt Accession #	Q6P1M0; O95186; Q96G53; A8K2F7
Molecular Weight	26,001 Da
NCBI Official Full Name	long-chain fatty acid transport protein 4
NCBI Official Synonym Full Names	solute carrier family 27 member 4
NCBI Official Symbol	SLC27A4
NCBI Official Synonym Symbols	IPS; FATP4; ACSVL4
NCBI Protein Information	long-chain fatty acid transport protein 4
UniProt Protein Name	Long-chain fatty acid transport protein 4
UniProt Gene Name	**SLC27A4**
UniProt Synonym Gene Names	ACSVL4; FATP4; FATP-4; Fatty acid transport protein 4

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/human-rtu-elisa-kits/fatty-acid-transport-protein-4-fatp4/70563