

Porcine Fatty Acid Transport Protein ELISA Kit | FATP elisa kit

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CATALOG #
AAA93814

REACTIVITY
Porcine

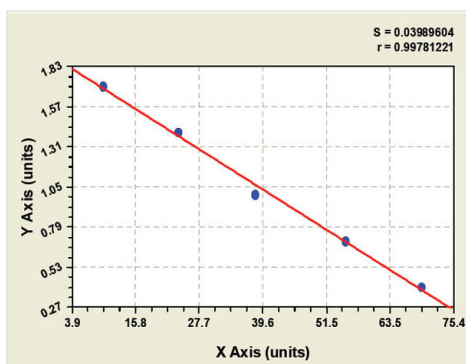
PRODUCT SYNONYMS

Fatty Acid Transport Protein; Porcine Fatty Acid Transport Protein ELISA Kit; FATP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This FATP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine FATP. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FATP elisa kit

Principle of the Assay: FATP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FATP antibody and an FATP-HRP conjugate. The assay sample and buffer are incubated together with FATP-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the FATP concentration since FATP from samples and FATP-HRP conjugate compete for the anti-FATP antibody binding site. Since the number of sites is limited, as more sites are occupied by FATP from the sample, fewer sites are left to bind FATP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FATP concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	442627350
NCBI GeneID	44227
NCBI Accession #	NP_001260354.1
NCBI GenBank Nucleotide #	NM_001273425.2
Molecular Weight	70,163 Da
NCBI Official Full Name	fatty acid (long chain) transport protein, isoform E
NCBI Official Synonym Full Names	Fatty acid (long chain) transport protein
NCBI Official Symbol	Fatp
NCBI Official Synonym Symbols	anon-WO0121795.74; CG7400; dFatp; dFATP; DmelCG7400; Dromel_CG7400_FBtr0080133_fatp_mORF; fatp; l(2)k10307
NCBI Protein Information	CG7400 gene product from transcript CG7400-RB; CG7400-PA; CG7400-PB; CG7400-PD; CG7400-PE; Fatp-PA; Fatp-PB; Fatp-PD; Fatp-PE; fatty acid (long chain) transport protein; fatty acid transport protein
UniProt Protein Name	Fatty acid (Long chain) transport protein, isoform A
UniProt Gene Name	Fatp
UniProt Synonym Gene Names	CG7400; Dmel_CG7400
UniProt Entry Name	Q9VKU1_DROME

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/fatp-porcine-elisa-kits/fatty-acid-transport-protein/93814>