Porcine Fatty acyl-CoA synthetase ELISA Kit | ACS elisa kit

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CATALOG #	REACTIVITY
AAA92751	**Porcine**

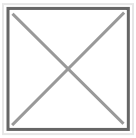
PRODUCT SYNONYMS

Fatty acyl-CoA synthetase; Porcine Fatty acyl-CoA synthetase ELISA Kit; ACS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This ACS ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine ACS. This ELISA kit for research use only, not for therapeutic applications! 2.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ACS elisa kit	**Principle of the Assay:** ACS ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ACS antibody and an ACS-HRP conjugate. The assay sample and buffer are incubated together with ACS-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 ACS concentration since ACS from samples and ACS-HRP conjugate compete for the anti-ACS antibody binding site. Since the number of sites is limited, as more sites are occupied by ACS from the sample, fewer sites are left to bind ACS-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ACS concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	71747044
NCBI GeneID	3661488
NCBI Accession #	XP_822577.1
NCBI GenBank Nucleotide #	XM_817484.1

Molecular Weight	78,984 Da
NCBI Official Full Name	fatty acyl CoA synthetase
NCBI Official Symbol	Tb10.70.4200
NCBI Protein Information	fatty acyl CoA synthetase
UniProt Protein Name	Fatty acyl CoA synthetase, putative
UniProt Entry Name	Q38BS1_TRYB2

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/acs-porcine-elisa-kits/fatty-acyl-coa-synthetase/92751