

Pig Acyl-CoA desaturase ELISA Kit | SCD elisa kit

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CATALOG #
AAA310237

REACTIVITY
Pig

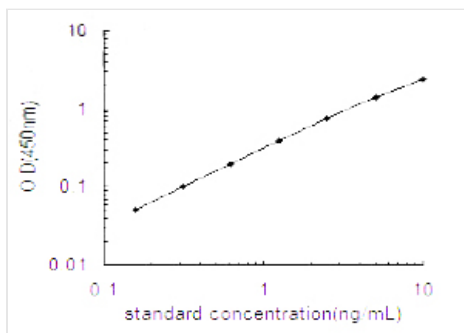
PRODUCT SYNONYMS

Acyl-CoA desaturase; Pig Acyl-CoA desaturase ELISA Kit; Delta (9)-desaturase; Delta-9 desaturase; Fatty acid desaturase; Stearoyl-CoA desaturase; SCD; 1.14.19.1; SCD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay recognizes recombinant and natural MouseCramp. No significant cross-reactivity or interference was observed.
Samples	Serum, Plasma, Tissue Homogenates, Cell Culture Supernates, And Other Biological Fluids
Assay Type	Quantitative Competitive
Detection Range	0.15-10.0ng/ml.
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SCD elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouseCramp concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.

Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Cramp. During the reaction, Cramp in the sample or standard competes with a fixed amount of biotin-labeled Cramp for sites on a pre-coated Monoclonal antibody specific to Cramp. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Cramp in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	3023238
NCBI GeneID	396670
UniProt Accession #	O02858
Molecular Weight	38,482 Da
NCBI Official Full Name	Acyl-CoA desaturase
NCBI Official Symbol	SCD
NCBI Protein Information	acyl-CoA desaturase
UniProt Protein Name	Acyl-CoA desaturase
UniProt Gene Name	SCD
UniProt Synonym Gene Names	Delta-9 desaturase

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/scd-pig-elisa-kits/acyl-coa-desaturase/310237>