

Mouse Fatty acid desaturase 2 ELISA Kit | Fads2 elisa kit

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CATALOG #
AAA57103

REACTIVITY
Mouse

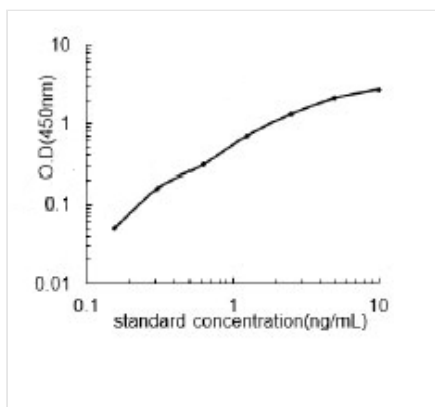
PRODUCT SYNONYMS

Fatty acid desaturase 2; Mouse Fatty acid desaturase 2 ELISA Kit; Delta(6) fatty acid desaturase; D6D; Delta(6) desaturase; Delta-6 desaturase; Fads2; Fadsd2; Fads2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Acyl-CoA 6-desaturase
Sequence Length	444
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	< 0.083 ng/mL
Intra-assay Precision	<=4.3%
Inter-assay Precision	<=6.5%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Fads2 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9790071
NCBI GeneID	56473
NCBI Accession #	NP_062673.1
NCBI GenBank Nucleotide #	NM_019699.1
UniProt Accession #	Q9Z0R9
Molecular Weight	52,387 Da
NCBI Official Full Name	fatty acid desaturase 2
NCBI Official Synonym Full Names	fatty acid desaturase 2
NCBI Official Symbol	Fads2
NCBI Official Synonym Symbols	Fadsd2; 2900042M13Rik
NCBI Protein Information	fatty acid desaturase 2
UniProt Protein Name	Fatty acid desaturase 2
UniProt Gene Name	Fads2
UniProt Synonym Gene Names	Fadsd2; D6D; Delta(6) desaturase; Delta-6 desaturase
UniProt Entry Name	FADS2_MOUSE

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/fads2-mouse-elisa-kits/fatty-acid-desaturase-2/57103>