

Mouse Fads1 (Fatty acid desaturase 1) ELISA Kit | Fads1 elisa kit

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CATALOG #
AAA249805

REACTIVITY
Mouse

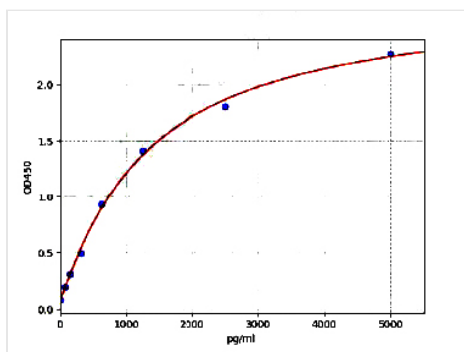
PRODUCT SYNONYMS

Fads1 (Fatty acid desaturase 1); Mouse Fads1 (Fatty acid desaturase 1) ELISA Kit; Acyl-CoA (8-3)-desaturase; Delta(5) fatty acid desaturase; D5D; Delta(5) desaturase; Delta-5 desaturase; Fatty acid desaturase 1; Fads1; Fads1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Fads1. No significant cross-reactivity or interference between Fads1 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Fads1 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	22164784
NCBI GeneID	76267
NCBI Accession #	NP_666206.1
NCBI GenBank Nucleotide #	NM_146094.2
UniProt Accession #	Q920L1; Q3U494; Q8BZX7; Q8R0G8; Q8VC07
Molecular Weight	52,323 Da
NCBI Official Full Name	fatty acid desaturase 1
NCBI Official Synonym Full Names	fatty acid desaturase 1
NCBI Official Symbol	Fads1
NCBI Official Synonym Symbols	DSD; AI317215; 0710001O03Rik; A930006B21Rik
NCBI Protein Information	fatty acid desaturase 1; D5D; delta-5 desaturase; delta(5) desaturase; delta(5) fatty acid desaturase
UniProt Protein Name	Fatty acid desaturase 1
UniProt Gene Name	Fads1
UniProt Synonym Gene Names	D5D; Delta(5) desaturase; Delta-5 desaturase
UniProt Entry Name	FADS1_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.