

Mouse Fatty Acid Synthase (FASN) ELISA Kit | FASN elisa kit

Mouse Fatty Acid Synthase (FASN) ELISA Kit

CATALOG #
AAA64324

REACTIVITY
Mouse

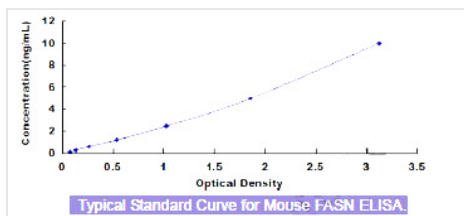
PRODUCT SYNONYMS

Fatty Acid Synthase (FASN); Mouse Fatty Acid Synthase (FASN) ELISA Kit; FAS; OA519; SDR27X1; Short Chain Dehydrogenase/Reductase Family 27X; Member 1; S-acetyltransferase; 3-oxoacyl synthase; Oleoyl hydrolase; Enoyl-acyl-carrier-protein reductase; FASN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of FASN. No significant cross-reactivity or interference between FASN and analogues was observed.
Sequence Length	2504
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.062ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FASN were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level FASN were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FASN elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of FASN in mouse tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to FASN. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to FASN. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain FASN, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of FASN in the samples is then determined by comparing the O.D. of the samples to the standard curve.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	93102409
NCBI GeneID	14104
NCBI Accession #	NP_032014.3
NCBI GenBank Nucleotide #	NM_007988.3
UniProt Accession #	P19096; Q6PB72; Q8C4Z0; Q9EQR0; B1ATU8
Molecular Weight	272,428 Da
NCBI Official Full Name	fatty acid synthase
NCBI Official Synonym Full Names	fatty acid synthase
NCBI Official Symbol	Fasn
NCBI Official Synonym Symbols	FAS; A630082H08Rik
NCBI Protein Information	fatty acid synthase
UniProt Protein Name	Fatty acid synthase
UniProt Gene Name	Fasn

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.