

Human fatty acid synthase ELISA Kit | FASN elisa kit

Human Fatty acid synthase, FASN ELISA Kit

CATALOG #
AAA112572

REACTIVITY
Human

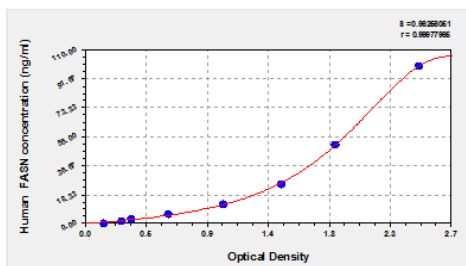
PRODUCT SYNONYMS

fatty acid synthase; Human Fatty acid synthase; FASN ELISA Kit; Human Fatty acid synthase (FASN) ELISA kit; FAS; MGC14367; MGC15706; OA-519; SDR27X1; short chain dehydrogenase/reductase family 27X; member 1; FASN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human FASN. No significant cross-reactivity or interference between Human FASN and analogues was observed.
Sequence Length	2511
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	1.56 ng/ml-100 ng/ml
Sensitivity	0.39 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Biosynthesis/Metabolism
Protein Biological Process 2	Lipogenesis and lipometabolism
Protein Biological Process 3	Fatty acid biosynthesis
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FASN elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for FASN has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any FASN present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for FASN is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of FASN bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	41872631
NCBI GeneID	2194
NCBI Accession #	NP_004095.4
NCBI GenBank Nucleotide #	NM_004104.4
UniProt Accession #	P49327; Q13479; Q16702; Q4LE83; Q6P4U5; Q6SS02; Q969R1; Q96C68; Q96IT0
Molecular Weight	273,427 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; OA-519; SDR27X1
NCBI Protein Information	fatty acid synthase; short chain dehydrogenase/reductase family 27X, member 1
UniProt Protein Name	Fatty acid synthase
UniProt Gene Name	FASN
UniProt Synonym Gene Names	FAS
UniProt Entry Name	FAS_HUMAN

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.