

Rat fatty acid synthase ELISA Kit | FASN elisa kit

Rat fatty acid synthase, FAS ELISA Kit

CATALOG #
AAA80927

REACTIVITY
Rat

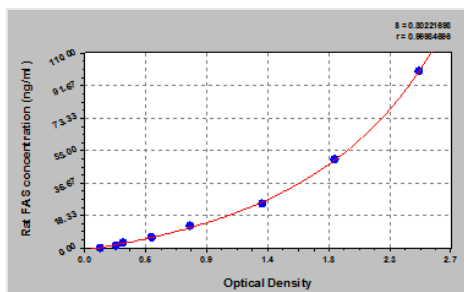
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat FAS. No significant cross-reactivity or interference between rat FAS and analogues was observed.
Sequence Length	64
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
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%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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 FAS has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any FAS present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for FAS 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 FAS 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 #	119839
UniProt Accession #	P07855
Molecular Weight	7,037 Da
NCBI Official Full Name	Fatty acid synthase, partial
UniProt Protein Name	Fatty acid synthase
UniProt Gene Name	FASN
UniProt Entry Name	FAS_RABIT

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/fasn-rat-elisa-kits/fatty-acid-synthase/80927>