

Rat Fatty Acid Synthase ELISA Kit | FAS elisa kit

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CATALOG #
AAA90719

REACTIVITY
Rat

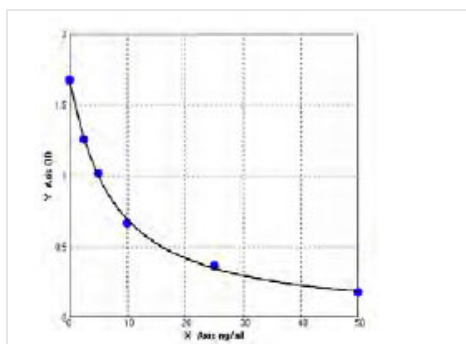
PRODUCT SYNONYMS

Fatty Acid Synthase; Rat Fatty Acid Synthase ELISA Kit; FAS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FAS elisa kit

Intended Uses: This FAM175B ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human FAM175B. This ELISA kit for research use only!

Principle of the Assay: FAM175B ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-FAM175B antibody and an FAM175B-HRP conjugate. The assay sample and buffer are incubated together with FAM175B-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the FAM175B concentration since FAM175B from samples and FAM175B-HRP conjugate compete for the anti-FAM175B antibody binding site. Since the number of sites is limited, as more sites are occupied by FAM175B from the sample, fewer sites are left to bind FAM175B-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FAM175B concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	41872631
NCBI GeneID	2194
NCBI Accession #	NP_004095.4
NCBI GenBank Nucleotide #	NM_004104.4
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.

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Online datasheet: <https://stage.aaabiotech.com/fas-rat-elisa-kits/fatty-acid-synthase/90719>