

Chicken Fatty Acid Synthase ELISA Kit | FAS elisa kit

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CATALOG #
AAA90853

REACTIVITY
Chicken

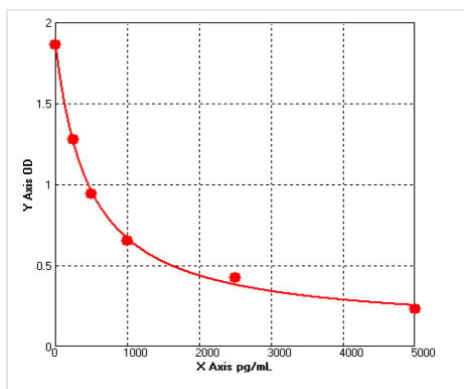
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Chicken
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. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between FASN and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/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	Principle of the Assay: FASN ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-FASN antibody and an FASN-HRP conjugate. The assay sample and buffer are incubated together with FASN-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 FASN concentration since FASN from samples and FASN-HRP conjugate compete for the anti-FASN antibody binding site. Since the number of sites is limited, as more sites are occupied by FASN from the sample, fewer sites are left to bind FASN-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FASN concentration in each sample is interpolated from this standard curve. Intended Uses: This FASN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken FASN. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for FAS elisa kit	Cardiovascular

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; Q13587; Q6PJJ3
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-chicken-elisa-kits/fatty-acid-synthase/90853>