

Bovine Farnesyl Diphosphate Farnesyltransferase 1 ELISA Kit | FDFT1 elisa kit

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CATALOG # AAA92232	REACTIVITY Bovine
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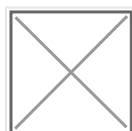
PRODUCT SYNONYMS

Farnesyl Diphosphate Farnesyltransferase 1; Bovine Farnesyl Diphosphate Farnesyltransferase 1 ELISA Kit; FDFT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This FDFT1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine FDFT1. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FDFT1 elisa kit	Principle of the Assay: FDFT1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FDFT1 antibody and an FDFT1-HRP conjugate. The assay sample and buffer are incubated together with FDFT1-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 FDFT1 concentration since FDFT1 from samples and FDFT1-HRP conjugate compete for the anti-FDFT1 antibody binding site. Since the number of sites is limited, as more sites are occupied by FDFT1 from the sample, fewer sites are left to bind FDFT1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FDFT1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for FDFT1 elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	48146183
NCBI GeneID	2222

UniProt Accession #	Q6IAX1 ; P37268
Molecular Weight	48,115 Da
NCBI Official Full Name	FDFT1
NCBI Official Synonym Full Names	farnesyl-diphosphate farnesyltransferase 1
NCBI Official Symbol	FDFT1
NCBI Official Synonym Symbols	SS; SQS; DGPT; ERG9
NCBI Protein Information	squalene synthase; squalene synthetase; FPP:FPP farnesyltransferase; presqualene-di-diphosphate synthase
UniProt Protein Name	FDFT1 protein
UniProt Gene Name	FDFT1
UniProt Synonym Gene Names	hCG_17749
UniProt Entry Name	Q6IAX1_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/fdft1-bovine-ovine-elisa-kits/farnesyl-diphosphate-farnesyltransferase-1/92232>