

Rat Follistatin ELISA Kit | FS elisa kit

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CATALOG #
AAA16431

REACTIVITY
Rat

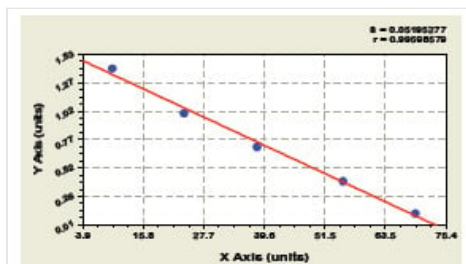
PRODUCT SYNONYMS

Follistatin; Rat Follistatin ELISA Kit; FS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/ml
Intended Uses	This FS ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat FS. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for FS elisa kit

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

Product Categories/Family for FS elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6679867
NCBI GeneID	14313
NCBI Accession #	NP_032072.1
NCBI GenBank Nucleotide #	NM_008046.3
Molecular Weight	37,866 Da
NCBI Official Full Name	follistatin isoform 2
NCBI Official Synonym Full Names	follistatin
NCBI Official Symbol	Fst
NCBI Official Synonym Symbols	FS; AL033346
NCBI Protein Information	follistatin; activin-binding protein
UniProt Protein Name	Follistatin
UniProt Gene Name	Fst
UniProt Synonym Gene Names	FS
UniProt Entry Name	FST_MOUSE

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://www.aaabiotech.com/fs-rat-elisa-kits/follistatin/16431>