

Rat Follistatin like 1 ELISA Kit | FSTL-1 elisa kit

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CATALOG #
AAA96900

REACTIVITY
Rat

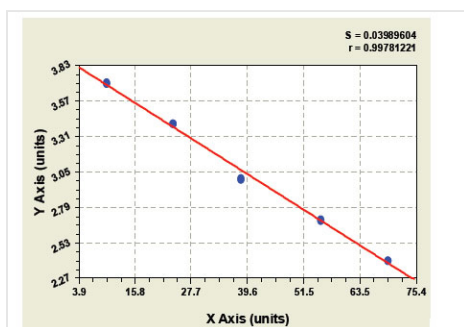
PRODUCT SYNONYMS

Follistatin like 1; Rat Follistatin like 1 ELISA Kit; FSTL-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This FSTL1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat FSTL1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FSTL-1 elisa kit

Principle of the Assay: FSTL1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-FSTL1 antibody and an FSTL1-HRP conjugate. The assay sample and buffer are incubated together with FSTL1-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 FSTL1 concentration since FSTL1 from samples and FSTL1-HRP conjugate compete for the anti-FSTL1 antibody binding site. Since the number of sites is limited, as more sites are occupied by FSTL1 from the sample, fewer sites are left to bind FSTL1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FSTL1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	388267609
Molecular Weight	28,008 Da
NCBI Official Full Name	follistatin-like protein 1
UniProt Protein Name	Follistatin-like protein 1
UniProt Entry Name	R9QBP5_9BIVA

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/fstl-1-rat-elisa-kits/follistatin-like-1/96900>