

Canine Follistatin ELISA Kit | FS elisa kit

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CATALOG #
AAA16984

REACTIVITY
Canine

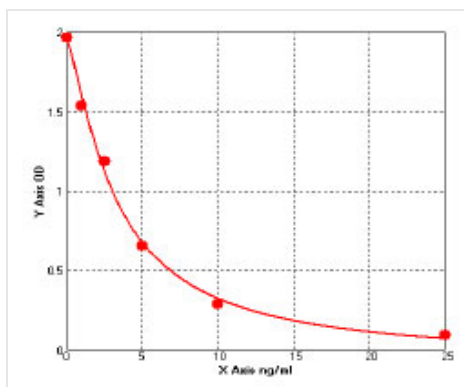
PRODUCT SYNONYMS

Follistatin; Canine Follistatin ELISA Kit; FS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	This assay has high sensitivity and excellent specificity for detection of FS. No significant cross-reactivity or interference between FS and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between FS 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	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 FS elisa kit	Principle of the Assay: FS ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal 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. Intended Uses: This FS ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine FS. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
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://stage.aaabiotech.com/fs-canine-elisa-kits/follistatin/16984>