

Human Follistatin (FS) ELISA Kit | FS elisa kit

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CATALOG #
AAA67430

REACTIVITY
Human

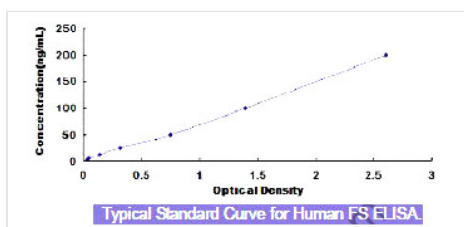
PRODUCT SYNONYMS

Follistatin (FS); Human Follistatin (FS) ELISA Kit; FST; Activin-binding protein; FS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
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.
Sequence Length	317
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	3.125-200ng/mL
Sensitivity	1.23ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FS were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level FS were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FS elisa kit	Intended Uses: This kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of FS in human serum, plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to FS. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to FS. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain FS, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of FS in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5453652
NCBI GeneID	10468
NCBI Accession #	NP_006341.1
NCBI GenBank Nucleotide #	NM_006350.3
UniProt Accession #	P19883; Q9BTH0; B5BU94
Molecular Weight	34,803 Da
NCBI Official Full Name	follistatin isoform FST317
NCBI Official Synonym Full Names	follistatin
NCBI Official Symbol	FST
NCBI Official Synonym Symbols	FS
NCBI Protein Information	follistatin
UniProt Protein Name	Follistatin
UniProt Gene Name	FST
UniProt Synonym Gene Names	FS

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.