

Rat Follistatin Like Protein 1 (FSTL1) ELISA Kit | FSTL1 elisa kit

Rat Follistatin Like Protein 1 (FSTL1) ELISA Kit

CATALOG #
AAA187447

REACTIVITY
Rat

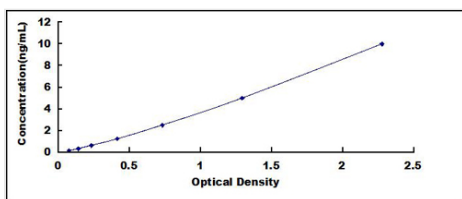
PRODUCT SYNONYMS

Follistatin Like Protein 1 (FSTL1); Rat Follistatin Like Protein 1 (FSTL1) ELISA Kit; FRP; FSL1; Follistatin-related protein 1; FSTL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Follistatin Like Protein 1 (FSTL1). No significant cross-reactivity or interference between Follistatin Like Protein 1 (FSTL1) and analogues was observed.
Sequence Length	308
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates and Other Biological Fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.062ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Follistatin Like Protein 1 (FSTL1) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Follistatin Like Protein 1 (FSTL1) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FSTL1 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Follistatin Like Protein 1 (FSTL1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Follistatin Like Protein 1 (FSTL1). 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 Follistatin Like Protein 1 (FSTL1), 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 Follistatin Like Protein 1 (FSTL1) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	5901956
NCBI GeneID	11167
NCBI Accession #	NP_009016.1
NCBI GenBank Nucleotide #	NM_007085.4
UniProt Accession #	Q12841; Q549Z0; A8K523; B4DTT5; D3DN90
Molecular Weight	31,228 Da
NCBI Official Full Name	follistatin-related protein 1
NCBI Official Synonym Full Names	follistatin like 1
NCBI Official Symbol	FSTL1
NCBI Official Synonym Symbols	FRP; FSL1; OCC1; OCC-1; tsc36; MIR198
NCBI Protein Information	follistatin-related protein 1
UniProt Protein Name	Follistatin-related protein 1
UniProt Gene Name	FSTL1
UniProt Synonym Gene Names	FRP

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.