

Human FSTL1 ELISA Kit | FSTL1 elisa kit

Human FSTL1 PicoKine ELISA Kit

CATALOG #
AAA45919

REACTIVITY
Human

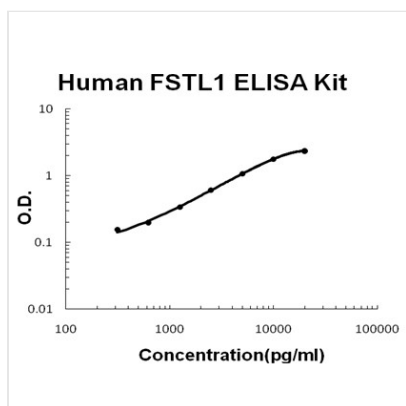
PRODUCT SYNONYMS

FSTL1; Human FSTL1 PicoKine ELISA Kit; Follistatin-related protein 1; follistatin-like 1; FLJ50214; FLJ52277; follistatin like 1; follistatin related protein; Follistatin-like protein 1; FRP; FSL1; FSTL1_HUMAN; Micro RNA 198; MIR198; miRNA198 included; FSTL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human FSTL1
Sequence Length	308
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Detection Range	312pg/ml-20,000pg/ml
Sensitivity	< 10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Human FSTL1 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for FSTL1 elisa kit	Principle of the assay: human FSTL1 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for FSTL1 has been precoated onto 96-well plates. Standards(NSO, M1-I308) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for FSTL1 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the human FSTL1 amount of sample captured in plate. Background: Follistatin-related protein 1, also called FSTL1 or FRP is a protein that in humans is encoded by the FSTL1 gene. FSTL1 gene is mapped to chromosome 3q13.33 based on an alignment of FSTL1 sequence with the genomic sequence (GRCh37). This gene encodes a protein with similarity to follistatin, an activin-binding protein. It contains an FS module, a follistatin-like sequence containing 10 conserved cysteine residues. This gene product is thought to be an autoantigen associated with rheumatoid arthritis. This gene may modulate the action of some growth factors on cell proliferation and differentiation. It was suggested that fibroblast-secreted FSTL1 acts on macrophages to increase TNF and IL1B production and IL6 activity.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	2498390
NCBI GeneID	11167
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; MIR198
NCBI Protein Information	follistatin-related protein 1; follistatin-like protein 1
UniProt Protein Name	Follistatin-related protein 1
UniProt Gene Name	FSTL1
UniProt Synonym Gene Names	FRP
UniProt Entry Name	FSTL1_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/fstl1/45919>