

Human follistatin-like 4 ELISA Kit | FSTL4 elisa kit

Human Follistatin-related protein 4, FSTL4 ELISA Kit

CATALOG #
AAA112595

REACTIVITY
Human

PRODUCT SYNONYMS

follistatin-like 4; Human Follistatin-related protein 4; FSTL4 ELISA Kit; Human Follistatin-related protein 4 (FSTL4) ELISA kit; FSTL4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human FSTL4. No significant cross-reactivity or interference between human FSTL4 and analogues was observed.
Sequence Length	842
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	1.56 ng/ml-100 ng/ml
Sensitivity	< 0.39 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

ADDITIONAL INFORMATION

Related Product Information for FSTL4 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for FSTL4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any FSTL4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for FSTL4 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of FSTL4 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	54792136
NCBI GeneID	23105
NCBI Accession #	NP_055897.1
NCBI GenBank Nucleotide #	NM_015082.1
UniProt Accession #	Q6MZW2 ; Q8TBU0 ; Q9UPU1
Molecular Weight	93,096 Da

NCBI Official Full Name	follistatin-related protein 4
NCBI Official Synonym Full Names	follistatin-like 4
NCBI Official Symbol	FSTL4
NCBI Protein Information	follistatin-related protein 4; follistatin-like protein 4
UniProt Protein Name	Follistatin-related protein 4
UniProt Gene Name	FSTL4
UniProt Synonym Gene Names	KIAA1061
UniProt Entry Name	FSTL4_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.

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Online datasheet: <https://www.aaabiotech.com/fstl4-human-elisa-kits/follistatin-like-4/112595>