

Human FLRG/FSTL3 ELISA Kit | FSTL3 elisa kit

Human FLRG/FSTL3 PicoKine ELISA Kit

CATALOG #
AAA45752

REACTIVITY
Human

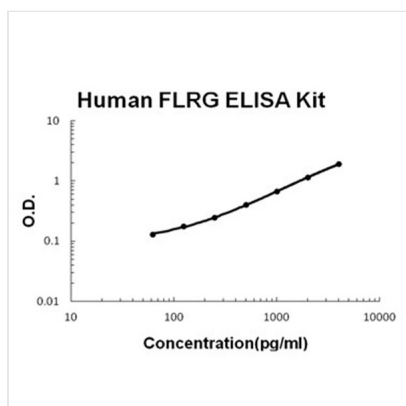
PRODUCT SYNONYMS

FLRG/FSTL3; Human FLRG/FSTL3 PicoKine ELISA Kit; Follistatin-related protein 3; follistatin-like 3 (secreted glycoprotein); FLRG; follistatin-like 3; follistatin-like 3 glycoprotein; Follistatin-like protein 3; Follistatin-related gene protein; FSRP; Fstl3; FSTL3_HUMAN; FSTL3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human FLRG
Sequence Length	263
Samples	Cell culture supernates, serum, plasma (heparin, EDTA), urine and human milk
Assay Type	Sandwich
Detection Range	62.5pg/ml-4000pg/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 FLRG/FSTL3 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for FSTL3 elisa kit	Principle of the assay: human FLRG ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for FLRG has been precoated onto 96-well plates. Standards(NSO, M27-V263) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for FLRG 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 FLRG amount of sample captured in plate. Background: FSTL3(Follistatin-Like 3) also known as FLRG or FOLLISTATIN-RELATED GENE, is a member of the follistatin-module protein family, which is composed of extracellular matrix-associated glycoproteins thought to act in a paracrine manner to bind morphogens or growth/differentiation factors and regulate their activity during development. The FSTL3 gene extends over 7 kbp and contains 5 exons. The FSTL3 gene was localized to chromosome 19p13. This gene involved in hematopoiesis and in differentiation of hemopoietic progenitor cells, increases hematopoietic cell adhesion to fibronectin and seems to contribute to the adhesion of hematopoietic precursor cells to the bone marrow stroma. It may have a role in leukemogenesis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	23821565
NCBI GeneID	10272
UniProt Accession #	O95633; A8K7E3
Molecular Weight	24,960 Da
NCBI Official Full Name	Follistatin-related protein 3
NCBI Official Synonym Full Names	follistatin-like 3 (secreted glycoprotein)
NCBI Official Symbol	FSTL3
NCBI Official Synonym Symbols	FLRG; FSRP
NCBI Protein Information	follistatin-related protein 3; follistatin-like protein 3; follistatin-related gene protein
UniProt Protein Name	Follistatin-related protein 3
UniProt Gene Name	FSTL3
UniProt Synonym Gene Names	FLRG
UniProt Entry Name	FSTL3_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.