

FUT8 elisa kit

Human FUT8 PicoKine ELISA Kit

CATALOG #
AAA125113

REACTIVITY
HumanThere is no detectable cross-reactivity with other relevant proteins.

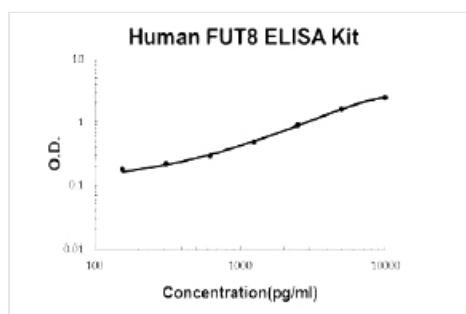
PRODUCT SYNONYMS

FUT8; Human FUT8 PicoKine ELISA Kit; Human FUT8; Alpha-(1, 6)-fucosyltransferase; Alpha1-6FucT; Fucosyltransferase 8; GDP-L-Fuc:N-acetyl-beta-D-glucosaminide alpha1; 6-fucosyltransferase; GDP-fucose--glycoprotein fucosyltransferase; Glycoprotein 6-alpha-L-fucosyltransferase; FUT8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human There is no detectable cross-reactivity with other relevant proteins.
Specificity	Natural and recombinant Human FLRT3
Sequence Length	308
Samples	Cell Culture Supernates, Serum And Plasma (Heparin, Edta)
Detection Range	156pg/ml-10000pg/ml
Sensitivity	<50pg/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 accross 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. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FUT8 elisa kit	Principle of the Assay: The Picokine Human FLRT3 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human FLRT3 with a 96-well strip plate that is pre-coated with antibody specific for FLRT3. The detection antibody is a biotinylated antibody specific for FLRT3. The capture antibody is A monoclonal antibody from mouse, the detection antibody is a biotinylated detection polyclonal antibody from goat. The kit contains recombinant Human FLRT3 with immunogen: Expression system for standard: NSO, Immunogen sequence: K29-S649. The kit is analytically validated with ready to use reagents. To measure Human FLRT3, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly propotional to Human FLRT3 in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human FLRT3 in the sample!!Background/Introduction: Leucine-rich repeat transmembrane protein FLRT3 is a protein that in humans is encoded by the FLRT3 gene. It is mapped to 20p12.1. This gene encodes a member of the fibronectin leucine rich transmembrane protein (FLRT) family. FLRTs may function in cell adhesion and/or receptor signalling. Their protein structures resemble small leucine-rich proteoglycans found in the extracellular matrix. This gene is expressed in many tissues. Two alternatively spliced transcript variants encoding the same protein have been described for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	332078497
NCBI GeneID	2530
NCBI Accession #	NP_004471.4
NCBI GenBank Nucleotide #	NM_004480.4
UniProt Accession #	Q9BYC5; O00235; Q8IUA5; Q9BYC6; Q9P2U5; Q9P2U6; B4DFS7; G3V5N0
Molecular Weight	35,795 Da
NCBI Official Full Name	alpha-(1,6)-fucosyltransferase isoform b
NCBI Official Synonym Full Names	fucosyltransferase 8
NCBI Official Symbol	FUT8
NCBI Official Synonym Symbols	CDGF
NCBI Protein Information	alpha-(1,6)-fucosyltransferase
UniProt Protein Name	Alpha-(1,6)-fucosyltransferase
UniProt Gene Name	FUT8
UniProt Synonym Gene Names	Alpha1-6FucT

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.