

FLRT2 elisa kit

Rat FLRT2 PicoKine ELISA Kit

CATALOG #
AAA125100

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

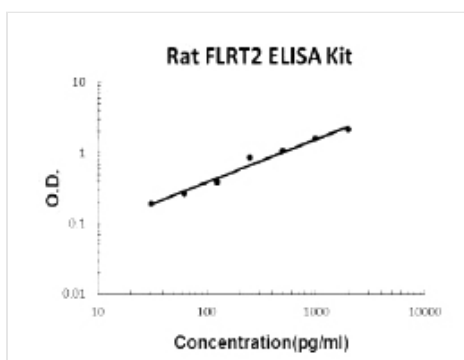
PRODUCT SYNONYMS

FLRT2; Rat FLRT2 PicoKine ELISA Kit; Rat FLRT2; Leucine-rich repeat transmembrane protein FLRT2; Fibronectin-like domain-containing leucine-rich transmembrane protein 2; Flrt2; Fibronectin leucine rich transmembrane protein 2; FLRT2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat There is no detectable cross-reactivity with other relevant proteins.
Specificity	Natural and recombinant Rat Fgfbp1
Sequence Length	660
Samples	Cell Culture Supernates, Serum And Plasma (Heparin, Edta)
Detection Range	78pg/ml-5000pg/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 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 FLRT2 elisa kit	Principle of the Assay: The Picokine Rat Fgfbp1 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Rat Fgfbp1 with a 96-well strip plate that is pre-coated with antibody specific for Fgfbp1. The detection antibody is a biotinylated antibody specific for Fgfbp1. The capture antibody is a monoclonal antibody from mouse, the detection antibody is a biotinylated polyclonal antibody from goat. The kit contains recombinant Rat Fgfbp1 with immunogen: Expression system for standard: NSO, Immunogen sequence: E21-C238. The kit is analytically validated with ready to use reagents. To measure Rat Fgfbp1, 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 Rat Fgfbp1 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 Rat Fgfbp1 in the sample!!Background/Introduction: Fibroblast growth factor-binding protein 1 is a protein that in humans is encoded by the FGFBP1 gene. This gene encodes a secreted fibroblast growth factor carrier protein. The encoded protein plays a critical role in cell proliferation, differentiation and migration by binding to fibroblast growth factors and potentiating their biological effects on target cells. The encoded protein may also play a role in tumor growth as an angiogenic switch molecule, and expression of this gene has been associated with several types of cancer including pancreatic and colorectal adenocarcinoma. A pseudogene of this gene is also located on the short arm of chromosome 5.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157822675
NCBI GeneID	299236
NCBI Accession #	NP_001100220.1
NCBI GenBank Nucleotide #	NM_001106750.1
UniProt Accession #	D3ZTV3
Molecular Weight	73,874 Da
NCBI Official Full Name	leucine-rich repeat transmembrane protein FLRT2
NCBI Official Synonym Full Names	fibronectin leucine rich transmembrane protein 2
NCBI Official Symbol	Flrt2
NCBI Protein Information	leucine-rich repeat transmembrane protein FLRT2
UniProt Protein Name	Leucine-rich repeat transmembrane protein FLRT2
UniProt Gene Name	Flrt2

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.