

Rat Fibronectin Leucine Rich Transmembrane Protein 2 ELISA Kit | FLRT2 elisa kit

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CATALOG #
AAA86807

REACTIVITY
Rat

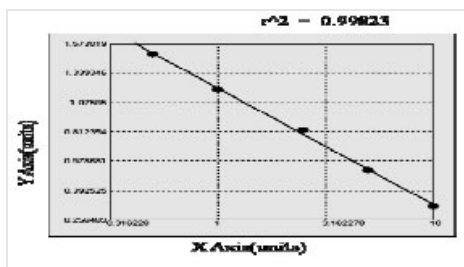
PRODUCT SYNONYMS

Fibronectin Leucine Rich Transmembrane Protein 2; Rat Fibronectin Leucine Rich Transmembrane Protein 2 ELISA Kit; FLRT2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FLRT2 elisa kit

Intended Uses: This FTP2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat FTP2.

Principle of the Assay: FTP2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FTP2 antibody and an FTP2-HRP conjugate. The assay sample and buffer are incubated together with FTP2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the FTP2 concentration since FTP2 from samples and FTP2-HRP conjugate compete for the anti-FTP2 antibody binding site. Since the number of sites is limited, as more sites are occupied by FTP2 from the sample, fewer sites are left to bind FTP2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FTP2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for FLRT2 elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	37181694
Molecular Weight	74,049 Da
NCBI Official Full Name	FLRT2
UniProt Protein Name	Leucine-rich repeat transmembrane protein FLRT2
UniProt Gene Name	FLRT2
UniProt Synonym Gene Names	KIAA0405; UNQ232/PRO265
UniProt Entry Name	FLRT2_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://stage.aaabiotech.com/flrt2-rat-elisa-kits/fibronectin-leucine-rich-transmembrane-protein-2/86807>