

## ARG82447 Rat FLRT2 ELISA Kit

Package: 96 wells  
Store at: 4°C

### Component

Cat. No.	Component Name	Package	Temp
ARG82447-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82447-002	Standard	2 X 10 ng/vial	4°C
ARG82447-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82447-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82447-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82447-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82447-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82447-008	25X Wash buffer	20 ml	4°C
ARG82447-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82447-010	STOP solution	10 ml (Ready to use)	4°C
ARG82447-011	Plate sealer	4 strips	Room temperature

### Summary

Product Description	ARG82447 Rat FLRT2 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Rat FLRT2 in serum, plasma (EDTA, heparin) and cell culture supernatants.
Tested Reactivity	Rat
Tested Application	ELISA
Target Name	FLRT2
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	15.6 pg/ml
Sample Type	Serum, plasma (EDTA, heparin) and cell culture supernatants.
Standard Range	31.2 - 2000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 5.0% Inter-Assay CV: 6.0%

Alternate Names	Leucine-rich repeat transmembrane protein FLRT2; Fibronectin-like domain-containing leucine-rich transmembrane protein 2
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## Application Instructions

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Assay Time	~ 5 hours
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## Properties

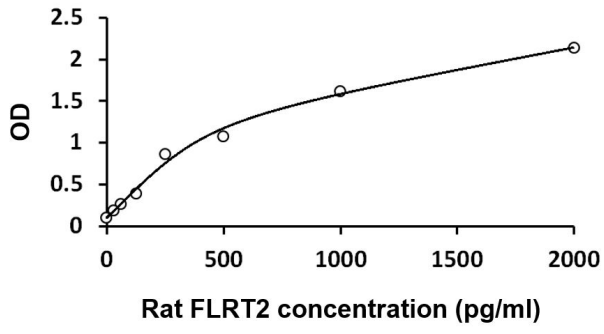
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Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Gene Symbol	FLRT2
Gene Full Name	fibronectin leucine rich transmembrane protein 2
Background	This gene encodes a member of the fibronectin leucine rich transmembrane protein (FLRT) family. FLRT family members may function in cell adhesion and/or receptor signalling. Their protein structures resemble small leucine-rich proteoglycans found in the extracellular matrix. [provided by RefSeq, Jul 2008]
Function	May have a function in cell adhesion and/or receptor signaling. [UniProt]
Highlight	Related products: <a href="#">FLRT2 ELISA Kits:</a> New ELISA data calculation tool: <a href="#">Simplify the ELISA analysis by GainData</a>
PTM	N-glycosylated.  Proteolytic cleavage in the juxtamembrane region gives rise to a soluble ectodomain. Cleavage is probably effected by a metalloprotease. [UniProt]
Cellular Localization	Cell membrane; Single-pass membrane protein. Endoplasmic reticulum membrane. Cell junction, focal adhesion. Secreted, extracellular space, extracellular matrix. Microsome membrane. Secreted. Cell junction, synapse, synaptosome. Note=Proteolytic cleavage gives rise to a shedded ectodomain. [UniProt]



ARG82447 Rat FLRT2 ELISA Kit standard curve image

ARG82447 Rat FLRT2 ELISA Kit results of a typical standard run with optical density reading at 450 nm.