

ARG82448 Human FLRT3 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

| Cat. No. | Component Name | Package | Temp |
|--------------|---------------------------------------|----------------------|---|
| ARG82448-001 | Antibody-coated microplate | 8 X 12 strips | 4°C. Unused strips should be sealed tightly in the air-tight pouch. |
| ARG82448-002 | Standard | 2 X 10 ng/vial | 4°C |
| ARG82448-003 | Standard/Sample diluent | 30 ml (Ready to use) | 4°C |
| ARG82448-004 | Antibody conjugate concentrate (100X) | 1 vial (100 µl) | 4°C |
| ARG82448-005 | Antibody diluent buffer | 12 ml (Ready to use) | 4°C |
| ARG82448-006 | HRP-Streptavidin concentrate (100X) | 1 vial (100 µl) | 4°C |
| ARG82448-007 | HRP-Streptavidin diluent buffer | 12 ml (Ready to use) | 4°C |
| ARG82448-008 | 25X Wash buffer | 20 ml | 4°C |
| ARG82448-009 | TMB substrate | 10 ml (Ready to use) | 4°C (Protect from light) |
| ARG82448-010 | STOP solution | 10 ml (Ready to use) | 4°C |
| ARG82448-011 | Plate sealer | 4 strips | Room temperature |

Summary

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|---------------------|---|
| Product Description | ARG82448 Human FLRT3 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human FLRT3 in serum, plasma (EDTA, heparin) and cell culture supernatants. |
| Tested Reactivity | Hu |
| Tested Application | ELISA |
| Target Name | FLRT3 |
| Conjugation | HRP |
| Conjugation Note | Substrate: TMB and read at 450 nm. |
| Sensitivity | 78 pg/ml |
| Sample Type | Serum, plasma (EDTA, heparin) and cell culture supernatants. |
| Standard Range | 156 - 10000 pg/ml |
| Sample Volume | 100 µl |
| Precision | Intra-Assay CV: 5.1% Inter-Assay CV: 5.7% |

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| Alternate Names | HH21; Leucine-rich repeat transmembrane protein FLRT3; Fibronectin-like domain-containing leucine-rich transmembrane protein 3 |
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Application Instructions

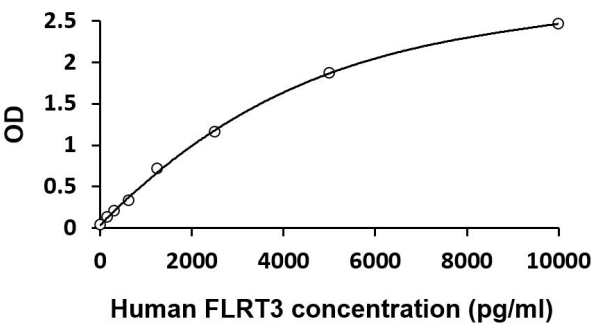
| | |
|------------|-----------|
| Assay Time | ~ 5 hours |
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Properties

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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 | FLRT3 |
| Gene Full Name | fibronectin leucine rich transmembrane protein 3 |
| Background | 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. [provided by RefSeq, Jul 2010] |
| Function | May have a function in cell adhesion and/or receptor signaling. [UniProt] |
| Highlight | Related products: New ELISA data calculation tool: Simplify the ELISA analysis by GainData |
| 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. Cell projection, axon. Note=Detected on dendritic punctae that colocalize in part with glutamaergic synapses, but not with GABAergic synapses. Detected on axons and at axon termini. Detected at neuronal growth cones. Proteolytic cleavage in the juxtamembrane region gives rise to a shedded ectodomain. [UniProt] |



ARG82448 Human FLRT3 ELISA Kit standard curve image

ARG82448 Human FLRT3 ELISA Kit results of a typical standard run with optical density reading at 450 nm.