

ARG81491 Human FSTL1 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

| Cat. No. | Component Name | Package | Temp |
|--------------|---------------------------------------|----------------------|---|
| ARG81491-001 | Antibody-coated microplate | 8 X 12 strips | 4°C. Unused strips should be sealed tightly in the air-tight pouch. |
| ARG81491-002 | Standard | 2 X 20 ng/vial | 4°C |
| ARG81491-003 | Standard/Sample diluent | 30 ml (Ready to use) | 4°C |
| ARG81491-004 | Antibody conjugate concentrate (100X) | 1 vial (100 µl) | 4°C |
| ARG81491-005 | Antibody diluent buffer | 12 ml (Ready to use) | 4°C |
| ARG81491-006 | HRP-Streptavidin concentrate (100X) | 1 vial (100 µl) | 4°C |
| ARG81491-007 | HRP-Streptavidin diluent buffer | 12 ml (Ready to use) | 4°C |
| ARG81491-008 | 25X Wash buffer | 20 ml | 4°C |
| ARG81491-009 | TMB substrate | 10 ml (Ready to use) | 4°C (Protect from light) |
| ARG81491-010 | STOP solution | 10 ml (Ready to use) | 4°C |
| ARG81491-011 | Plate sealer | 4 strips | Room temperature |

Summary

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|---------------------|---|
| Product Description | ARG81491 Human FSTL1 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human FSTL1 in serum, plasma (heparin, EDTA) and cell culture supernatants. |
| Tested Reactivity | Hu |
| Tested Application | ELISA |
| Specificity | There is no detectable cross-reactivity with other relevant proteins. |
| Target Name | FSTL1 |
| Conjugation | HRP |
| Conjugation Note | Substrate: TMB and read at 450 nm. |
| Sensitivity | 156 pg/ml |
| Sample Type | Serum, plasma (heparin, EDTA) and cell culture supernatants. |
| Standard Range | 312 - 20000 pg/ml |
| Sample Volume | 100 µl |

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|-----------------|--|
| Precision | Intra-Assay CV: 5.3% Inter-Assay CV: 6.1% |
| Alternate Names | FSL1; MIR198; FRP; Follistatin-like protein 1; Follistatin-related protein 1 |

Application Instructions

Assay Time ~ 5 hours

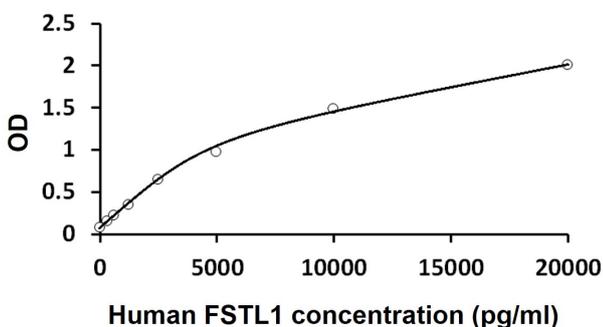
Properties

| | |
|---------------------|--|
| 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 | FSTL1 |
| Gene Full Name | follistatin-like 1 |
| Background | This gene encodes a protein with similarity to follistatin, an activin-binding protein. It contains an FS module, a follistatin-like sequence containing 10 conserved cysteine residues. This gene product is thought to be an autoantigen associated with rheumatoid arthritis. [provided by RefSeq, Jul 2008] |
| Function | May modulate the action of some growth factors on cell proliferation and differentiation. Binds heparin (By similarity). [UniProt] |
| Highlight | Related products: FSTL1 antibodies ; FSTL1 ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData |

Images



ARG81491 Human FSTL1 ELISA Kit standard curve image

ARG81491 Human FSTL1 ELISA Kit results of a typical standard run with optical density reading at 450 nm.