

## ARG81473 Human FSTL3 ELISA Kit

Package: 96 wells  
Store at: 4°C

### Component

| Cat. No.     | Component Name                        | Package              | Temp  |
|--------------|---------------------------------------|----------------------|---|
| ARG81473-001 | Antibody-coated microplate            | 8 X 12 strips        | 4°C. Unused strips should be sealed tightly in the air-tight pouch. |
| ARG81473-002 | Standard                              | 2 X 10 ng/vial       | 4°C   |
| ARG81473-003 | Standard/Sample diluent               | 30 ml (Ready to use) | 4°C   |
| ARG81473-004 | Antibody conjugate concentrate (100X) | 1 vial (100 µl)      | 4°C   |
| ARG81473-005 | Antibody diluent buffer               | 12 ml (Ready to use) | 4°C   |
| ARG81473-006 | HRP-Streptavidin concentrate (100X)   | 1 vial (100 µl)      | 4°C   |
| ARG81473-007 | HRP-Streptavidin diluent buffer       | 12 ml (Ready to use) | 4°C   |
| ARG81473-008 | 25X Wash buffer                       | 20 ml                | 4°C   |
| ARG81473-009 | TMB substrate                         | 10 ml (Ready to use) | 4°C (Protect from light)  |
| ARG81473-010 | STOP solution                         | 10 ml (Ready to use) | 4°C   |
| ARG81473-011 | Plate sealer                          | 4 strips             | Room temperature  |

### Summary

|                     |  |
|---------------------|--|
| Product Description | ARG81473 Human FSTL3 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human FSTL3 in serum, plasma (heparin, EDTA), urine, human milk and cell culture supernatants. |
| Tested Reactivity   | Hu   |
| Tested Application  | ELISA  |
| Specificity         | There is no detectable cross-reactivity with other relevant proteins.  |
| Target Name         | FSTL3  |
| Conjugation         | HRP  |
| Conjugation Note    | Substrate: TMB and read at 450 nm.   |
| Sensitivity         | 31.25 pg/ml  |
| Sample Type         | Serum, plasma (heparin, EDTA), urine, human milk and cell culture supernatants.  |
| Standard Range      | 62.5 - 4000 pg/ml  |
| Sample Volume       | 100 µl   |

|                 |   |
|-----------------|---|
| Precision       | Intra-Assay CV: 5.2%<br>Inter-Assay CV: 5.9%  |
| Alternate Names | Follistatin-like protein 3; Follistatin-related gene protein; FLRG; Follistatin-related protein 3; FSRP |

## Application Instructions

Assay Time ~ 5 hours

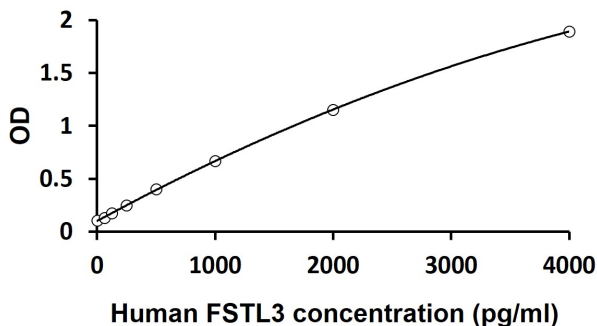
## Properties

|                     |  |
|---------------------|--|
| 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

|                |   |
|----------------|---|
| Gene Symbol    | FSTL3   |
| Gene Full Name | follistatin-like 3 (secreted glycoprotein)  |
| Background     | Follistatin-like 3 is a secreted glycoprotein of the follistatin-module-protein family. It may have a role in leukemogenesis. [provided by RefSeq, Jul 2008]  |
| Function       | Isoform 1 or the secreted form is a binding and antagonizing protein for members of the TGF-beta family, such as activin, BMP2 and MSTN. Inhibits activin A-, activin B-, BMP2- and MSDT-induced cellular signaling; more effective on activin A than on activin B. Involved in bone formation; inhibits osteoclast differentiation. Involved in hematopoiesis; involved in differentiation of hemopoietic progenitor cells, increases hematopoietic cell adhesion to fibronectin and seems to contribute to the adhesion of hematopoietic precursor cells to the bone marrow stroma. Isoform 2 or the nuclear form is probably involved in transcriptional regulation via interaction with MLLT10. [UniProt] |
| Highlight      | Related products:<br><a href="#">FSTL3 antibodies</a> ; <a href="#">FSTL3 ELISA Kits</a> ;<br>New ELISA data calculation tool:<br><a href="#">Simplify the ELISA analysis by GainData</a>   |

## Images



ARG81473 Human FSTL3 ELISA Kit standard curve image

ARG81473 Human FSTL3 ELISA Kit results of a typical standard run with optical density reading at 450 nm.