

## 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% 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

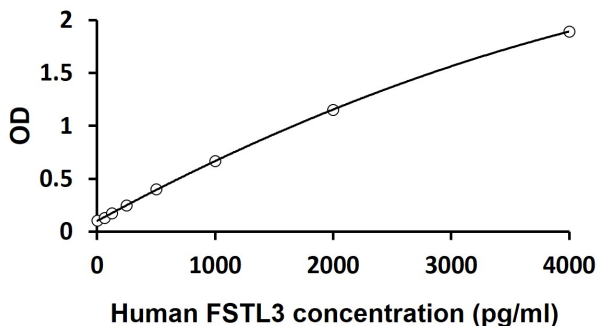
## Properties

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: <a href="#">FSTL3 antibodies</a> ; <a href="#">FSTL3 ELISA Kits</a> ; New ELISA data calculation tool: <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.