

ARG82514 Human ITLN1 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82514-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82514-002	Standard	2 X 10 ng/vial	4°C
ARG82514-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82514-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82514-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82514-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82514-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82514-008	25X Wash buffer	20 ml	4°C
ARG82514-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82514-010	STOP solution	10 ml (Ready to use)	4°C
ARG82514-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82514 Human ITLN1 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human ITLN1 in serum, plasma (EDTA, heparin, citrate) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	ITLN1
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	31.3 pg/ml
Sample Type	Serum, plasma (EDTA, heparin, citrate) and cell culture supernatants.
Standard Range	62.5 - 4000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 4.8% Inter-Assay CV: 6.3%

Alternate Names hIntL; Omentin; Endothelial lectin HL-1; HL-1; INTL; LFR; omentin; HL1; Intestinal lactoferrin receptor; ITLN-1; Galactofuranose-binding lectin; ITLN; Intelectin-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

Gene Symbol ITLN1

Gene Full Name intelectin 1 (galactofuranose binding)

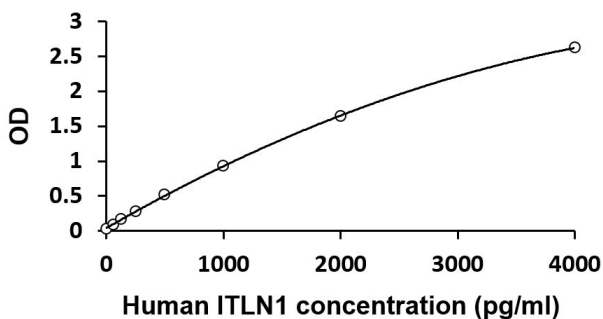
Function Has no effect on basal glucose uptake but enhances insulin-stimulated glucose uptake in adipocytes. Increases AKT phosphorylation in the absence and presence of insulin. May play a role in the defense system against microorganisms. May specifically recognize carbohydrate chains of pathogens and bacterial components containing galactofuranosyl residues, in a calcium-dependent manner. May be involved in iron metabolism. [UniProt]

Highlight Related products:
[ITLN1 antibodies](#); [ITLN1 ELISA Kits](#);
New ELISA data calculation tool:
[Simplify the ELISA analysis by GainData](#)

PTM N-glycosylated. [UniProt]

Cellular Localization Cell membrane; Lipid-anchor, GPI-anchor. Secreted. Note=Enriched in lipid rafts. [UniProt]

Images



ARG82514 Human ITLN1 ELISA Kit standard curve image

ARG82514 Human ITLN1 ELISA Kit results of a typical standard run with optical density reading at 450 nm.