

ARG80190 Human TL1A ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG80190-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG80190-002	Standard (Lyophilized)	3 X 4 ng/vial	4°C
ARG80190-003	Standard diluent buffer	20 ml	4°C
ARG80190-004	Antibody conjugate concentrate	400 µl	4°C
ARG80190-005	Antibody diluent buffer	16 ml	4°C
ARG80190-006	HRP-Streptavidin concentrate	400 µl	4°C (Protect from light)
ARG80190-007	HRP-Streptavidin diluent buffer	16 ml	4°C
ARG80190-008	20X Wash buffer	50 ml	4°C
ARG80190-009	TMB substrate	12ml	4°C (Protect from light)
ARG80190-010	STOP solution	12ml	4°C
ARG80190-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG80190 Human TL1A ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human TL1A in Serum, Plasma, Cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	No significant cross-reactivity or interference with Human IL-2,3,4,5,6,7,9,10,12, IFN- gamma, TNF- alpha
Target Name	TL1A
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	15 pg/ml
Sample Type	Serum, Plasma, Cell culture supernatants
Standard Range	31.25 - 2000 pg/ml

Sample Volume	100 µl
Precision	CV: less than 10%
Alternate Names	TL1; Vascular endothelial cell growth inhibitor; TL1A; VEGI192A; TNF ligand-related molecule 1; VEGI; Tumor necrosis factor ligand superfamily member 15

Application Instructions

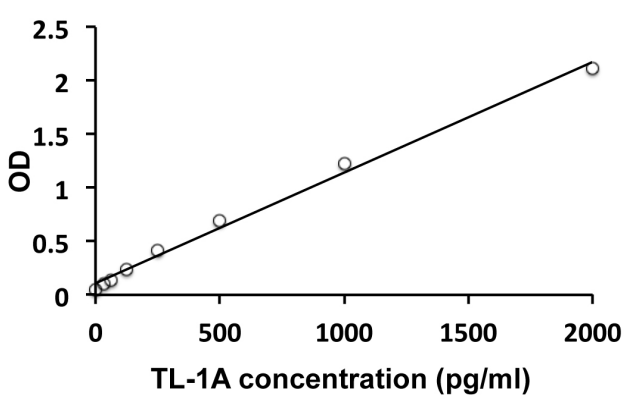
Assay Time	4 hours
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Properties

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

Database links	GeneID: 9966 Human Swiss-port # O95150 Human
Gene Symbol	TNFSF15
Gene Full Name	tumor necrosis factor (ligand) superfamily, member 15
Background	TL-1A belongs to the TNF superfamily of ligands. It is expressed predominantly in endothelial cells, and to a lesser extent in placenta, lung, kidney, skeletal muscle, pancreas, small intestine and colon. TL-1A inhibits endothelial cell proliferation and angiogenesis, and has been shown to induce NFκB activation, caspase activity, and apoptosis in responding cell lines. TL-1A interacts with TNFRSF25/DR3 receptor, but can also bind to a decoy receptor TNFRSF21/DR6. Recombinant human TL-1A is a 22.0 kDa polypeptide of 194 amino acid residues.
Highlight	Related products: TL1A antibodies: TL1A ELISA Kits: New ELISA data calculation tool: Simplify the ELISA analysis by GainData
Research Area	Cell Biology and Cellular Response kit; Immune System kit



ARG80190 Human TL1A ELISA Kit standard curve image

ARG80190 Human TL1A ELISA Kit results of a typical standard run with optical density reading at 450 nm.