# 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

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| 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 |

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|---|---|
| Sample Volume | 100 µl |
| Precision | CV: less than10% |
| 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

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| Assay Time | 4 hours |

## Properties

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| 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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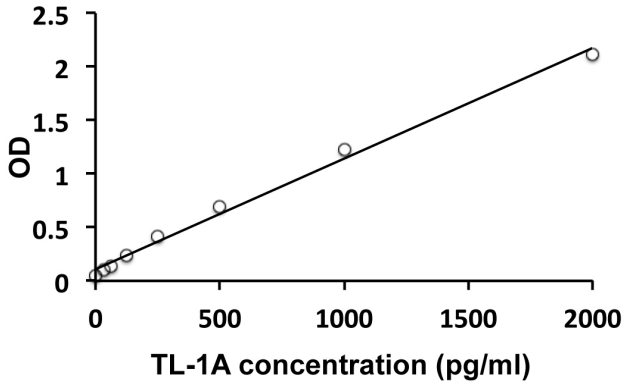
|---|---|
| Database links | GeneID: 9966 Human<br><br>Swiss-port # O95150 Human |
| Gene Symbol | TNFSF15 |
| Gene Full Name | tumor necrosis factor (ligand) superfamily, member 15 |
| Background | TL-1A belongs to the TNF superfamily of ligands. It is expressed predominantly in endothelial cells, and 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 NFkB 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:<br>TL1A antibodies; TL1A ELISA Kits;<br>New ELISA data calculation tool:<br>Simplify the ELISA analysis by GainData |
| Research Area | Cell Biology and Cellular Response kit; Immune System kit |

## Images




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.