

ARG81973 Human TROY / TNFRSF19 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

| Cat. No. | Component Name | Package | Temp |
|--------------|---------------------------------------|----------------------|---|
| ARG81973-001 | Antibody-coated microplate | 8 X 12 strips | 4°C. Unused strips should be sealed tightly in the air-tight pouch. |
| ARG81973-002 | Standard | 2 X 10 ng/vial | 4°C |
| ARG81973-003 | Standard/Sample diluent | 30 ml (Ready to use) | 4°C |
| ARG81973-004 | Antibody conjugate concentrate (100X) | 1 vial (100 µl) | 4°C |
| ARG81973-005 | Antibody diluent buffer | 12 ml (Ready to use) | 4°C |
| ARG81973-006 | HRP-Streptavidin concentrate (100X) | 1 vial (100 µl) | 4°C |
| ARG81973-007 | HRP-Streptavidin diluent buffer | 12 ml (Ready to use) | 4°C |
| ARG81973-008 | 25X Wash buffer | 20 ml | 4°C |
| ARG81973-009 | TMB substrate | 10 ml (Ready to use) | 4°C (Protect from light) |
| ARG81973-010 | STOP solution | 10 ml (Ready to use) | 4°C |
| ARG81973-011 | Plate sealer | 4 strips | Room temperature |

Summary

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|---------------------|---|
| Product Description | ARG81973 Human TROY / TNFRSF19 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human TROY / TNFRSF19 in serum, plasma (heparin, EDTA) and cell culture supernatants. |
| Tested Reactivity | Hu |
| Tested Application | ELISA |
| Specificity | There is no detectable cross-reactivity with other relevant proteins. |
| Target Name | TROY / TNFRSF19 |
| Conjugation | HRP |
| Conjugation Note | Substrate: TMB and read at 450 nm. |
| Sensitivity | 31.25 pg/ml |
| Sample Type | Serum, plasma (heparin, EDTA) and cell culture supernatants. |
| Standard Range | 62.5 - 4000 pg/ml |
| Sample Volume | 100 µl |

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|-----------------|---|
| Precision | Intra-Assay CV: 6.9%; Inter-Assay CV: 8.4% |
| Alternate Names | Tumor necrosis factor receptor superfamily member 19; Toxicity and JNK inducer; TRADE; TROY; TAJ-alpha; TAJ |

Application Instructions

Assay Time ~ 5 hours

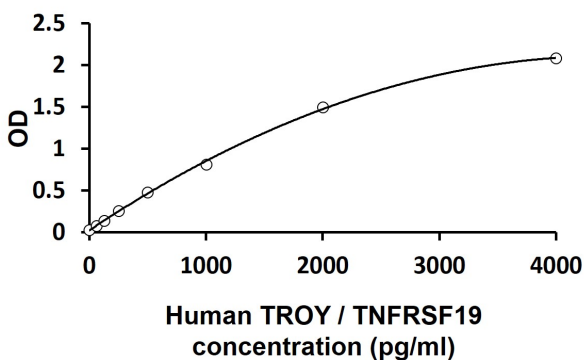
Properties

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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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|----------------|--|
| Gene Symbol | TNFRSF19 |
| Gene Full Name | tumor necrosis factor receptor superfamily, member 19 |
| Background | The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is highly expressed during embryonic development. It has been shown to interact with TRAF family members, and to activate JNK signaling pathway when overexpressed in cells. This receptor is capable of inducing apoptosis by a caspase-independent mechanism, and it is thought to play an essential role in embryonic development. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Jul 2008] |
| Function | Can mediate activation of JNK and NF-kappa-B. May promote caspase-independent cell death. [UniProt] |
| Highlight | Related products: TNFRSF19 ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData |

Images



ARG81973 Human TROY / TNFRSF19 ELISA Kit standard curve image

ARG81973 Human TROY / TNFRSF19 ELISA Kit results of a typical standard run with optical density reading at 450 nm.