

ARG81453 Human TNFRSF18 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81453-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81453-002	Standard	2 X 10 ng/vial	4°C
ARG81453-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81453-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81453-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81453-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81453-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81453-008	25X Wash buffer	20 ml	4°C
ARG81453-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81453-010	STOP solution	10 ml (Ready to use)	4°C
ARG81453-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81453 Human TNFRSF18 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human TNFRSF18 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	TNFRSF18
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

Precision	Intra-Assay CV: 6.3% Inter-Assay CV: 7.0%
Alternate Names	Tumor necrosis factor receptor superfamily member 18; AITR; CD357; CD antigen CD357; Activation-inducible TNFR family receptor; GITR-D; GITR; Glucocorticoid-induced TNFR-related protein

Application Instructions

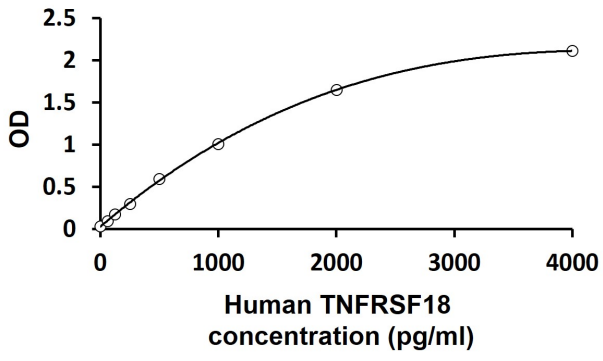
Assay Time	~ 5 hours
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Properties

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

Gene Symbol	TNFRSF18
Gene Full Name	tumor necrosis factor receptor superfamily, member 18
Background	This gene encodes a member of the TNF-receptor superfamily. The encoded receptor has been shown to have increased expression upon T-cell activation, and it is thought to play a key role in dominant immunological self-tolerance maintained by CD25(+)CD4(+) regulatory T cells. Knockout studies in mice also suggest the role of this receptor is in the regulation of CD3-driven T-cell activation and programmed cell death. Three alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq, Feb 2011]
Function	Receptor for TNFSF18. Seems to be involved in interactions between activated T-lymphocytes and endothelial cells and in the regulation of T-cell receptor-mediated cell death. Mediated NF-kappa-B activation via the TRAF2/NIK pathway. [UniProt]
Highlight	Related products: TNFRSF antibodies ; TNFRSF ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData



ARG81453 Human TNFRSF18 ELISA Kit standard curve image

ARG81453 Human TNFRSF18 ELISA Kit results of a typical standard run with optical density reading at 450 nm.