

ARG81609 Human DR3 / TNFRSF25 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81609-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81609-002	Standard	2 X 20 ng/vial	4°C
ARG81609-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81609-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81609-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81609-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81609-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81609-008	25X Wash buffer	20 ml	4°C
ARG81609-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81609-010	STOP solution	10 ml (Ready to use)	4°C
ARG81609-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81609 Human DR3 / TNFRSF25 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human DR3 / TNFRSF25 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	DR3 / TNFRSF25
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	156 pg/ml
Sample Type	Serum, plasma (heparin, EDTA) and cell culture supernatants.
Standard Range	312 - 20000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 5.5% Inter-Assay CV: 7.0%
Alternate Names	WSL-1; Apo-3; Apoptosis-mediating receptor TRAMP; DDR3; DR3; Protein WSL; Protein WSL-1; TRAMP; Apoptosis-inducing receptor AIR; TNFRSF12; Death receptor 3; LARD; Apoptosis-mediating receptor DR3; TR3; APO-3; Lymphocyte-associated receptor of death; Tumor necrosis factor receptor superfamily member 25; WSL-LR

Application Instructions

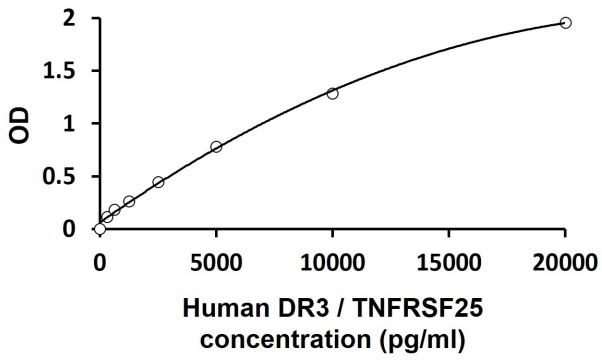
Assay Time ~ 5 hours

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	TNFRSF25
Gene Full Name	tumor necrosis factor receptor superfamily, member 25
Background	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is expressed preferentially in the tissues enriched in lymphocytes, and it may play a role in regulating lymphocyte homeostasis. This receptor has been shown to stimulate NF-kappa B activity and regulate cell apoptosis. The signal transduction of this receptor is mediated by various death domain containing adaptor proteins. Knockout studies in mice suggested the role of this gene in the removal of self-reactive T cells in the thymus. Multiple alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported, most of which are potentially secreted molecules. The alternative splicing of this gene in B and T cells encounters a programmed change upon T-cell activation, which predominantly produces full-length, membrane bound isoforms, and is thought to be involved in controlling lymphocyte proliferation induced by T-cell activation. [provided by RefSeq, Jul 2008]
Function	Receptor for TNFSF12/APO3L/TWEAK. Interacts directly with the adapter TRADD. Mediates activation of NF-kappa-B and induces apoptosis. May play a role in regulating lymphocyte homeostasis. [UniProt]
Highlight	Related products: TNFRSF25 antibodies ; TNFRSF25 ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
PTM	Glycosylated. [UniProt]



ARG81609 Human DR3 / TNFRSF25 ELISA Kit standard curve image

ARG81609 Human DR3 / TNFRSF25 ELISA Kit results of a typical standard run with optical density reading at 450 nm.