

ARG82333 Human TNFSF13 / APRIL ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82333-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82333-002	Standard	2 X 10 ng/vial	4°C
ARG82333-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82333-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82333-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82333-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82333-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82333-008	25X Wash buffer	20 ml	4°C
ARG82333-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82333-010	STOP solution	10 ml (Ready to use)	4°C
ARG82333-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82333 Human TNFSF13 / APRIL ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human TNFSF13 / APRIL in serum, plasma (EDTA, heparin) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	TNFSF13 / APRIL
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	78 pg/ml
Sample Type	Serum, plasma (EDTA, heparin) and cell culture supernatants.
Standard Range	156 - 10000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 6.0% Inter-Assay CV: 7.2%

Alternate Names	TALL2; ZTNF2; TRDL-1; TNF- and APOL-related leukocyte expressed ligand 2; CD256; APRIL; A proliferation-inducing ligand; TNF-related death ligand 1; UNQ383/PRO715; CD antigen CD256; Tumor necrosis factor ligand superfamily member 13; TALL-2
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Application Instructions

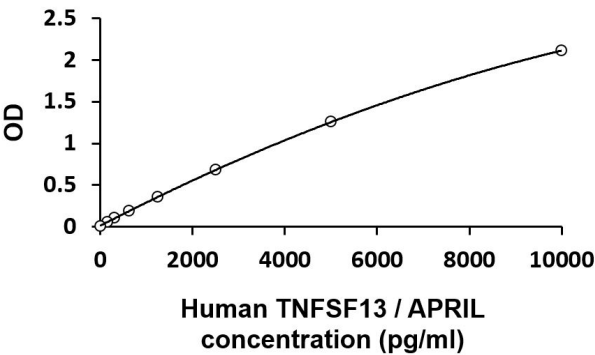
Assay Time	~ 5 hours
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Properties

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	TNFSF13
Gene Full Name	tumor necrosis factor (ligand) superfamily, member 13
Background	The protein encoded by this gene is a member of the tumor necrosis factor (TNF) ligand family. This protein is a ligand for TNFRSF17/BCMA, a member of the TNF receptor family. This protein and its receptor are both found to be important for B cell development. In vitro experiments suggested that this protein may be able to induce apoptosis through its interaction with other TNF receptor family proteins such as TNFRSF6/FAS and TNFRSF14/HVEM. Alternative splicing results in multiple transcript variants. Some transcripts that skip the last exon of the upstream gene (TNFSF12) and continue into the second exon of this gene have been identified; such read-through transcripts are contained in GeneID 407977, TNFSF12-TNFSF13. [provided by RefSeq, Oct 2010]
Function	Cytokine that binds to TNFRSF13B/TACI and to TNFRSF17/BCMA. Plays a role in the regulation of tumor cell growth. May be involved in monocyte/macrophage-mediated immunological processes. [UniProt]
Highlight	Related products: TNFSF antibodies ; TNFSF ELISA Kits ; TNFSF Duos / Panels ; TNFSF recombinant proteins ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
PTM	The precursor is cleaved by furin. [UniProt]
Cellular Localization	Secreted. [UniProt]



ARG82333 Human TNFSF13 / APRIL ELISA Kit standard curve image

ARG82333 Human TNFSF13 / APRIL ELISA Kit results of a typical standard run with optical density reading at 450 nm.