

ARG82455 Human TREML2 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82455-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82455-002	Standard	2 X 10 ng/vial	4°C
ARG82455-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82455-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82455-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82455-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82455-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82455-008	25X Wash buffer	20 ml	4°C
ARG82455-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82455-010	STOP solution	10 ml (Ready to use)	4°C
ARG82455-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82455 Human TREML2 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human TREML2 in serum, plasma (EDTA, heparin) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	TREML2
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	31.25 pg/ml
Sample Type	Serum, plasma (EDTA, heparin) and cell culture supernatants.
Standard Range	62.5 - 4000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 5.9% Inter-Assay CV: 5.3%

Alternate Names C6orf76; dJ238O23.1; Trem-like transcript 2 protein; TLT-2; TLT2; Triggering receptor expressed on myeloid cells-like protein 2

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 TREML2

Gene Full Name triggering receptor expressed on myeloid cells-like 2

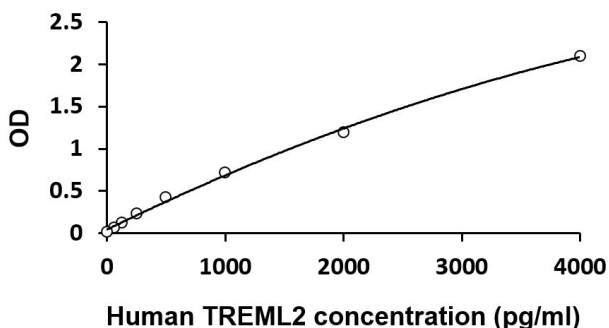
Background TREML2 is located in a gene cluster on chromosome 6 with the single Ig variable (IgV) domain activating receptors TREM1 (MIM 605085) and TREM2 (MIM 605086), but it has distinct structural and functional properties (Allcock et al., 2003 [PubMed 12645956]).[supplied by OMIM, Mar 2008]

Function Cell surface receptor that may play a role in the innate and adaptive immune response. Acts as a counter-receptor for CD276 and interaction with CD276 on T-cells enhances T-cell activation. [UniProt]

Highlight Related products:
[TREML antibodies](#); [TREML ELISA Kits](#);
New ELISA data calculation tool:
[Simplify the ELISA analysis by GainData](#)

Cellular Localization Cell membrane; Single-pass type I membrane protein. [UniProt]

Images



ARG82455 Human TREML2 ELISA Kit standard curve image

ARG82455 Human TREML2 ELISA Kit results of a typical standard run with optical density reading at 450 nm.