

ARG81945 Mouse TREML1 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81945-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81945-002	Standard	2 X 10 ng/vial	4°C
ARG81945-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81945-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81945-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81945-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81945-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81945-008	25X Wash buffer	20 ml	4°C
ARG81945-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81945-010	STOP solution	10 ml (Ready to use)	4°C
ARG81945-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81945 Mouse TREML1 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse TREML1 in serum, plasma (heparin, EDTA) and cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	TREML1
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	7.8 pg/ml
Sample Type	Serum, plasma (heparin, EDTA) and cell culture supernatants.
Standard Range	15.6 - 1000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 5.9%; Inter-Assay CV: 6.7%
Alternate Names	GLTL1825; dJ238O23.3; Trem-like transcript 1 protein; TLT-1; TLT1; PRO3438; Triggering receptor expressed on myeloid cells-like protein 1

Application Instructions

Assay Time	~ 5 hours
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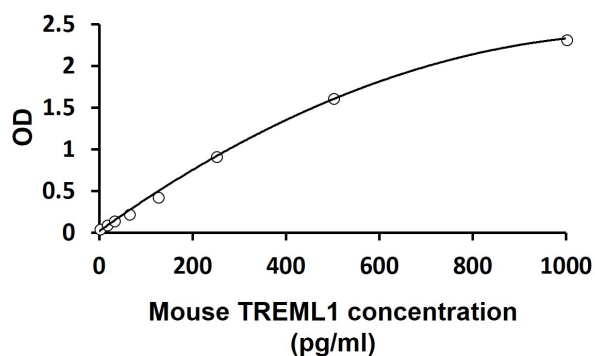
Properties

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	TREML1
Gene Full Name	triggering receptor expressed on myeloid cells-like 1
Background	This gene encodes a member of the triggering receptor expressed on myeloid cells-like (TREM) family. The encoded protein is a type 1 single Ig domain orphan receptor localized to the alpha-granule membranes of platelets. The encoded protein is involved in platelet aggregation, inflammation, and cellular activation and has been linked to Gray platelet syndrome. Alternative splicing results in multiple transcript variants [provided by RefSeq, Nov 2012]
Function	Cell surface receptor that may play a role in the innate and adaptive immune response. [UniProt]
Highlight	Related products: TREML antibodies ; TREML ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
PTM	Phosphorylated on tyrosine residues. [UniProt]

Images



ARG81945 Mouse TREML1 ELISA Kit standard curve image

ARG81945 Mouse TREML1 ELISA Kit results of a typical standard run with optical density reading at 450 nm.