

Mouse TREML1 ELISA Kit | TREML1 elisa kit

Mouse TREML1 PicoKine ELISA Kit

CATALOG #
AAA46693

REACTIVITY
Mouse

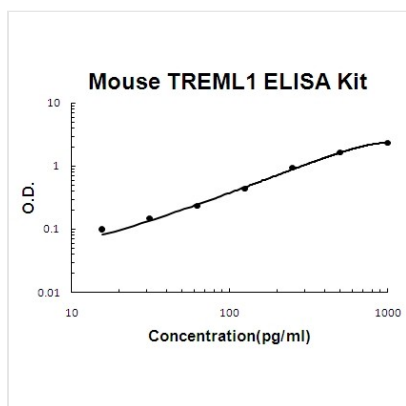
PRODUCT SYNONYMS

TREML1; Mouse TREML1 PicoKine ELISA Kit; dJ238O23.3; GLTL1825; MGC119173; PRO3438; TLT1; TLT-1; TLT 1; TREM like transcript 1; TREML 1; Q8K558; Trem-like transcript 1 protein; triggering receptor expressed on myeloid cells like 1; TREML1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant Mouse TREML1
Sequence Length	243
Samples	Cell culture supernates, serum and plasma(heparin, EDTA).
Assay Type	Sandwich
Detection Range	15.6pg/ml-1000pg/ml
Sensitivity	<10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice).

IMAGES



Standard Curve (Sample)

Mouse TREML1 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for TREML1 elisa kit	Principle of the Assay: Mouse TREML1 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for TREML1 has been precoated onto 96-well plates. Standards(Expression system for standard: NSO; Immunogen sequence: D21-P175) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for TREML1 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse TREML1 amount of sample captured in plate. Background/Introduction: Trem-like transcript 1 protein is a protein that in humans is encoded by the TREML1 gene. 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. This 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	575403017
NCBI GeneID	71326
NCBI Accession #	NP_001276380.1
NCBI GenBank Nucleotide #	NM_001289451.1
UniProt Accession #	Q8K558; Q9D3N6; B2RRH0
Molecular Weight	34,182 Da
NCBI Official Full Name	trem-like transcript 1 protein isoform 2
NCBI Official Synonym Full Names	triggering receptor expressed on myeloid cells-like 1
NCBI Official Symbol	Trem1
NCBI Official Synonym Symbols	TLT-1; 5430401J17Rik
NCBI Protein Information	trem-like transcript 1 protein
UniProt Protein Name	Trem-like transcript 1 protein
UniProt Gene Name	Trem1
UniProt Synonym Gene Names	Tlt1; TLT-1
UniProt Entry Name	TRML1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.