

## Human TREML1 ELISA Kit | TREML1 elisa kit

Human TREML1 PicoKine ELISA Kit

CATALOG #  
**AAA46692**

REACTIVITY  
**Human**

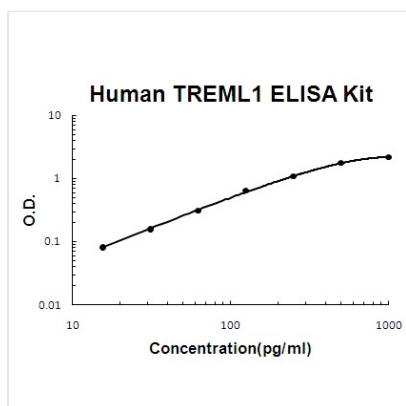
### PRODUCT SYNONYMS

TREML1; Human TREML1 PicoKine ELISA Kit; dJ238O23.3; GLTL1825; MGC119173; PRO3438; TLT1; TLT-1; TLT 1; TREM like transcript 1; TREML 1; Q86YW5; Trem-like transcript 1 protein; triggering receptor expressed on myeloid cells like 1; TREML1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                 |
| Specificity             | Natural and recombinant Human TREML1                                                                                                                  |
| Sequence Length         | 199                                                                                                                                                   |
| 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)

Human TREML1 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for TREML1 elisa kit | <p>Principle of the Assay: Human 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: Q16-P162) 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 Human TREML1 amount of sample captured in plate.</p> <p>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.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                       |
|----------------------------------|-------------------------------------------------------|
| NCBI GI #                        | 424036738                                             |
| NCBI GeneID                      | 340205                                                |
| NCBI Accession #                 | NP_001258736.1                                        |
| NCBI GenBank Nucleotide #        | NM_001271807.1                                        |
| UniProt Accession #              | Q86YW5; Q496B3; Q8IWY1; Q8IWY2                        |
| Molecular Weight                 | 20,731 Da                                             |
| NCBI Official Full Name          | trem-like transcript 1 protein isoform b              |
| NCBI Official Synonym Full Names | triggering receptor expressed on myeloid cells like 1 |
| NCBI Official Symbol             | TREML1                                                |
| NCBI Official Synonym Symbols    | TLT1; TLT-1; PRO3438; GLTL1825; dJ238O23.3            |
| NCBI Protein Information         | trem-like transcript 1 protein                        |
| UniProt Protein Name             | Trem-like transcript 1 protein                        |
| UniProt Gene Name                | <b>TREML1</b>                                         |
| UniProt Synonym Gene Names       | TLT1; TLT-1                                           |
| UniProt Entry Name               | TRML1_HUMAN                                           |

**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.