

TREML2 elisa kit

Human TREML2 PicoKine ELISA Kit

CATALOG #
AAA125109

REACTIVITY
HumanThere is no detectable cross-reactivity with other relevant proteins.

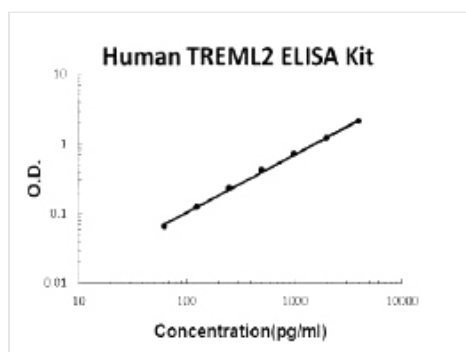
PRODUCT SYNONYMS

TREML2; Human TREML2 PicoKine ELISA Kit; Human TREML2; Trem-like transcript 2 protein; TLT-2; Triggering receptor expressed on myeloid cells-like protein 2; C6orf76; TLT2; UNQ6268/PRO20473; TREML2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human There is no detectable cross-reactivity with other relevant proteins.
Specificity	Natural and recombinant Human TREM2
Sequence Length	321
Samples	Cell Culture Supernates, Serum And Plasma (Heparin, Edta)
Detection Range	31.2pg/ml-2000pg/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 accross 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. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TREML2 elisa kit	Principle of the Assay: The Picokine Human TREM2 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human TREM2 with a 96-well strip plate that is pre-coated with antibody specific for TREM2. The detection antibody is a biotinylated antibody specific for TREM2. The capture antibody is a monoclonal antibody from mouse, the detection antibody is a biotinylated polyclonal antibody from goat. The kit contains recombinant Human TREM2 with immunogen: Expression system for standard: E.coli,H19-E167. The kit is analytically validated with ready to use reagents. To measure Human TREM2, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly propotional to Human TREM2 in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human TREM2 in the sample!!Background/Introduction: Triggering receptor expressed on myeloid cells 2(TRM2) encodes a membrane protein that forms a receptor signaling complex with the TYRO protein tyrosine kinase binding protein. The encoded protein functions in immune response and may be involved in chronic inflammation by triggering the production of constitutive inflammatory cytokines. Defects in this gene are a cause of polycystic lipomembranous osteodysplasia with sclerosing leukoencephalopathy (PLOSL). Alternative splicing results in multiple transcript variants encoding different isoforms.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	170932501
NCBI GeneID	79865
NCBI Accession #	NP_079083.2
NCBI GenBank Nucleotide #	NM_024807.4
UniProt Accession #	Q5T2D2; Q08AP8; Q08AP9; Q8IWY0; Q9H8E9
Molecular Weight	35,127 Da
NCBI Official Full Name	trem-like transcript 2 protein
NCBI Official Synonym Full Names	triggering receptor expressed on myeloid cells like 2
NCBI Official Symbol	TREML2
NCBI Official Synonym Symbols	TLT2; TLT-2; C6orf76; dJ238O23.1
NCBI Protein Information	trem-like transcript 2 protein
UniProt Protein Name	Trem-like transcript 2 protein
UniProt Gene Name	TREML2
UniProt Synonym Gene Names	C6orf76; TLT2; TLT-2

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.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/treml2/125109>