

Human TLT1 ELISA Kit | TREML1 elisa kit

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CATALOG #
AAA263096

REACTIVITY
Human

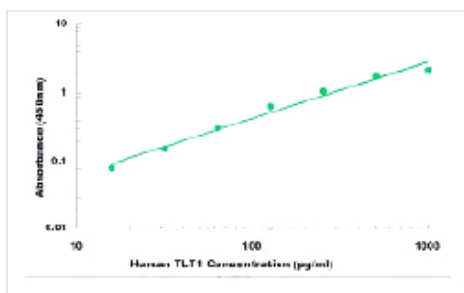
PRODUCT SYNONYMS

TLT1; Human TLT1 ELISA Kit; Trem-like transcript 1 protein; TLT-1; Triggering receptor expressed on myeloid cells-like protein 1; TREML1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human TLT1 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human TLT1 proteins within the range of 15.6 pg/ml - 1000 pg/ml.
Sequence Length	199
Samples	Cell Culture Supernates, Serum, Plasma
Sensitivity	<10 pg/ml
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TREML1 elisa kit

Principle of the Assay: The Human TLT1 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human TLT1 in Cell Culture Supernates, Serum, Plasma. This assay employs an antibody specific for Human TLT1 coated on a 96-well plate. Standards and samples are pipetted into the wells and TLT1 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human TLT1 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of TLT1 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.

Background: 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.

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; Q8IWI1; Q8IWI2
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	TREML1
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.

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Online datasheet: <https://www.aaabiotech.com/treml1-human-elisa-kits/tlt1/263096>