

TREM-1 elisa kit

Human TREM-1 PicoKine ELISA Kit

CATALOG #
AAA124974

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

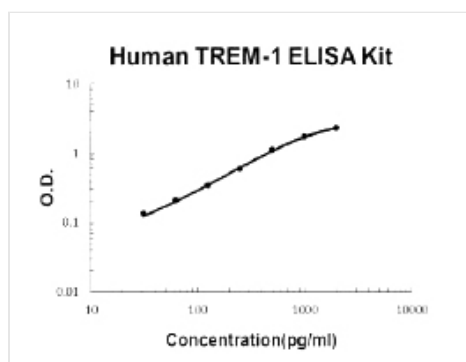
PRODUCT SYNONYMS

TREM-1; Human TREM-1 PicoKine ELISA Kit; Human TREM-1; Triggering receptor expressed on myeloid cells 1; Triggering receptor expressed on monocytes 1; CD354; TREM1; TREM-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human There is no detectable cross-reactivity with other relevant proteins.
Specificity	Natural and recombinant Human TNFRSF25
Sequence Length	150
Samples	Cell Culture Supernates, Cell Lysates, Serum And Plasma (Heparin, Edta)
Detection Range	312pg/ml-20000pg/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 TREM-1 elisa kit	Principle of the Assay: The Picokine Human TNFRSF25 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human TNFRSF25 with a 96-well strip plate that is pre-coated with antibody specific for TNFRSF25. The detection antibody is a biotinylated antibody specific for TNFRSF25. The capture antibody is monoclonal antibody from mouse, the detection antibody is polyclonal antibody from goat. The kit contains recombinant Human TNFRSF25 with immunogen: Expression system for standard: NSO, Immunogen sequence: Q25-F201. The kit is analytically validated with ready to use reagents. To measure Human TNFRSF25, 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 proportional to Human TNFRSF25 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 TNFRSF25 in the sample!!Background/Introduction: Death receptor 3 (DR3), also known as tumor necrosis factor receptor superfamily member 25 (TNFRSF25), is a cell surface receptor of the tumor necrosis factor receptor superfamily which mediates apoptotic signalling and differentiation. Knockout studies in mice suggested the role of this gene in the removal of self-reactive T cells in the thymus. Multiple alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported, most of which are potentially secreted molecules. The alternative splicing of this gene in B and T cells encounters a programmed change upon T-cell activation, which predominantly produces full-length, membrane bound isoforms, and is thought to be involved in controlling lymphocyte proliferation induced by T-cell activation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	336088680
NCBI GeneID	54210
NCBI Accession #	NP_001229518.1
NCBI GenBank Nucleotide #	NM_001242589.2
UniProt Accession #	Q9NP99; Q53FL8; Q5T2C9; Q86YU1; B4DWG2; K7EJW1
Molecular Weight	17,563 Da
NCBI Official Full Name	triggering receptor expressed on myeloid cells 1 isoform 2
NCBI Official Synonym Full Names	triggering receptor expressed on myeloid cells 1
NCBI Official Symbol	TREM1
NCBI Official Synonym Symbols	CD354; TREM-1
NCBI Protein Information	triggering receptor expressed on myeloid cells 1
UniProt Protein Name	Triggering receptor expressed on myeloid cells 1
UniProt Gene Name	TREM1
UniProt Synonym Gene Names	TREM-1

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/trem-1/124974>