

Mouse Triggering Receptor Expresses on Myeloid Cells-1 ELISA Kit | TREM-1 elisa kit

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CATALOG #
AAA101726

REACTIVITY
Mouse

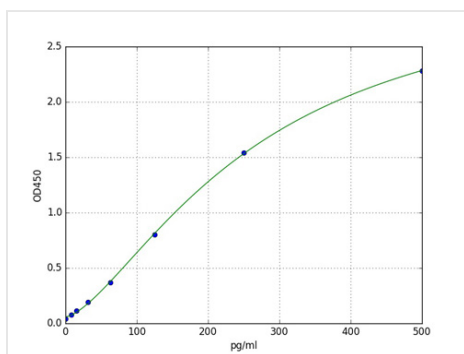
PRODUCT SYNONYMS

Triggering Receptor Expresses on Myeloid Cells-1; Mouse Triggering Receptor Expresses on Myeloid Cells-1 ELISA Kit; TREM-1/TREM-1 (Triggering Receptor Expressed on Myeloid Cells-1)/TREM1/CD354/CD354 antigen/TREM-1Triggering receptor expressed on monocytes 1/triggering-receptor TREM1; TREM-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	225
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	7.813-500pg/ml
Sensitivity	4.688pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse TREM-1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	7.8	15.6	31.2	62.5	125	250	500
Y	OD450	0.048	0.107	0.155	0.248	0.560	0.925	1.699	2.833

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TREM-1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse TREM-1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse TREM-1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were 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 TREM-1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse TREM-1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	336088680
NCBI GeneID	54210
NCBI Accession #	NP_001229518.1
NCBI GenBank Nucleotide #	NM_001242589.1
Molecular Weight	25,574 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
UniProt Entry Name	TREM1_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://stage.aaabiotech.com/trem-1-mouse-elisa-kits/triggering-receptor-expresses-on-myeloid-cells-1/101726>