

Mouse triggering receptor expressed on myeloid cells 1 ELISA Kit | TREM1 elisa kit

Mouse soluble Triggering Receptor Expresses on Myeloid Cells-1, sTREM-1 ELISA Kit

CATALOG #
AAA80468

REACTIVITY
Mouse

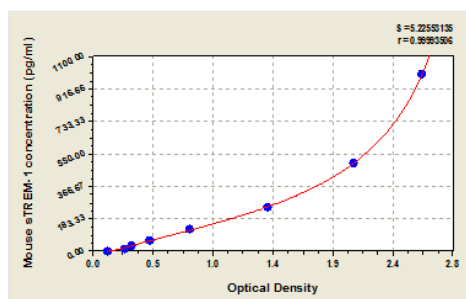
PRODUCT SYNONYMS

triggering receptor expressed on myeloid cells 1; Mouse soluble Triggering Receptor Expresses on Myeloid Cells-1; sTREM-1 ELISA Kit; TREM-1; triggering-receptor TREM1; TREM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse TREM1. No significant cross-reactivity or interference between Mouse TREM1 and analogues was observed.
Sequence Length	230
Samples	Serum, plasma, tissue homogenates
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	3.9 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TREM1 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to sTREM-1 Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for sTREM-1 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3'5, 5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain sTREM-1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of sTREM-1. in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10946760
NCBI GeneID	58217
NCBI Accession #	NP_067381.1
NCBI GenBank Nucleotide #	NM_021406.5
UniProt Accession #	Q9JKE2; Q3TAL7
Molecular Weight	25,409 Da
NCBI Official Full Name	triggering receptor expressed on myeloid cells 1
NCBI Official Synonym Full Names	triggering receptor expressed on myeloid cells 1
NCBI Official Symbol	Trem1
NCBI Protein Information	triggering receptor expressed on myeloid cells 1; triggering receptor expressed in monocytes 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_MOUSE

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/trem1-mouse-elisa-kits/triggering-receptor-expressed-on-myeloid-cells-1/80468>