

Human Triggering receptor expressed on myeloid cells 2 ELISA Kit | TREM2 elisa kit

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CATALOG #
AAA99372

REACTIVITY
Human

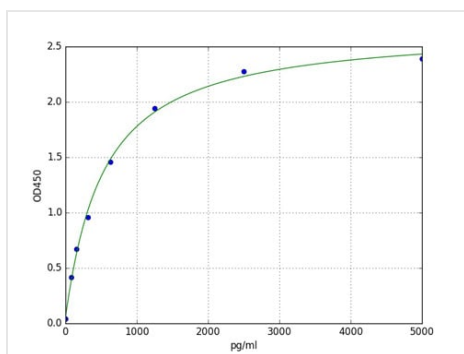
PRODUCT SYNONYMS

Triggering receptor expressed on myeloid cells 2; Human Triggering receptor expressed on myeloid cells 2 ELISA Kit; TREM2/Triggering receptor expressed on myeloid cells 2/TREM-2/Triggering receptor expressed on monocytes 2/Trem2a/Trem2b/Trem2c; TREM2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	230
Assay Type	Sandwich ELISA, Double Antibody
Samples	cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/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



Typical Data & Standard Curve

Results of a typical standard run of a Human TREM2 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	78	156	312.5	625	1250	2500	5000
Y	OD450	0.038	0.402	0.701	0.983	1.457	1.907	2.255	2.342

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TREM2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human TREM2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human TREM2 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 Human TREM2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human TREM2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	9507203
NCBI GeneID	54209
NCBI Accession #	NP_061838.1
NCBI GenBank Nucleotide #	NM_018965.3
Molecular Weight	24,669 Da
NCBI Official Full Name	triggering receptor expressed on myeloid cells 2 isoform 1
NCBI Official Synonym Full Names	triggering receptor expressed on myeloid cells 2
NCBI Official Symbol	TREM2
NCBI Official Synonym Symbols	TREM-2; Trem2a; Trem2b; Trem2c
NCBI Protein Information	triggering receptor expressed on myeloid cells 2
UniProt Protein Name	Triggering receptor expressed on myeloid cells 2
UniProt Gene Name	TREM2
UniProt Synonym Gene Names	TREM-2
UniProt Entry Name	TREM2_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/trem2-human-elisa-kits/triggering-receptor-expressed-on-myeloid-cells-2/99372>