

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

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CATALOG #
AAA92723

REACTIVITY
Porcine

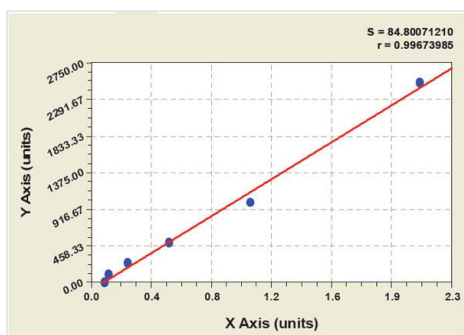
PRODUCT SYNONYMS

Triggering Receptor Expresses on Myeloid Cells-1; Porcine Triggering Receptor Expresses on Myeloid Cells-1 ELISA Kit; TREM-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Detection Range	100-2500pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This TREM-1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine TREM-1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TREM-1 elisa kit

Principle of the Assay: TREM-1 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for TREM-1. Standards or samples are then added to the microtiter plate wells and TREM-1 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of TREM-1 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for TREM-1 are added to each well to "sandwich" the TREM-1 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain TREM-1 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TREM-1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for TREM-1 elisa kit

[Immunology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	8924262
NCBI GeneID	54210
NCBI Accession #	NP_061113.1
NCBI GenBank Nucleotide #	NM_018643.3
Molecular Weight	25,574 Da
NCBI Official Full Name	triggering receptor expressed on myeloid cells 1 isoform 1
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; triggering-receptor TREM1; triggering receptor expressed on 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_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-porcine-elisa-kits/triggering-receptor-expresses-on-myeloid-cells-1/92723>