

Mouse Trem-like transcript 2 protein ELISA Kit | TREML2 elisa kit

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CATALOG #
AAA93779

REACTIVITY
Mouse

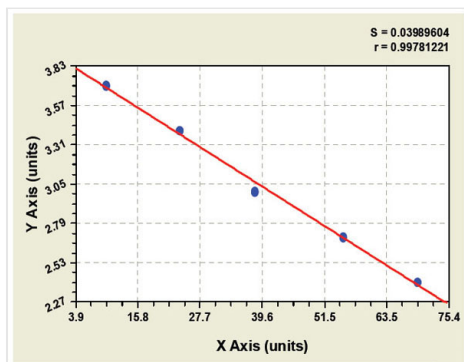
PRODUCT SYNONYMS

Trem-like transcript 2 protein; Mouse Trem-like transcript 2 protein ELISA Kit; TREML2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	250-5000pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TREML2 elisa kit	For Sample Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This TREML2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse TREML2. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY TREML2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-TREML2 antibody and an TREML2-HRP conjugate. The assay sample and buffer are incubated together with TREML2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the TREML2 concentration since TREML2 from samples and TREML2-HRP conjugate compete for the anti-TREML2 antibody binding site. Since the number of sites is limited, as more sites are occupied by TREML2 from the sample, fewer sites are left to bind TREML2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TREML2 concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	170932501
NCBI GeneID	79865
NCBI Accession #	NP_079083.2
NCBI GenBank Nucleotide #	NM_024807.3
Molecular Weight	35,127 Da
NCBI Official Full Name	trem-like transcript 2 protein
NCBI Official Synonym Full Names	triggering receptor expressed on myeloid cells-like 2
NCBI Official Symbol	TREML2
NCBI Official Synonym Symbols	TLT2; TLT-2; C6orf76; dJ238O23.1
NCBI Protein Information	trem-like transcript 2 protein; triggering receptor expressed on myeloid cells-like protein 2
UniProt Protein Name	Trem-like transcript 2 protein
UniProt Gene Name	TREML2
UniProt Synonym Gene Names	C6orf76; TLT2; UNQ6268/PRO20473; TLT-2
UniProt Entry Name	TRML2_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.