

Human Triggering Receptor Expressed On Myeloid Cells 1 (TREM1) CLIA Kit | TREM1 clia kit

Human Triggering Receptor Expressed On Myeloid Cells 1 (TREM1) CLIA Kit

CATALOG # AAA188895	REACTIVITY Human	APPLICATIONS CLIA (Chemiluminescence Immunoassay)
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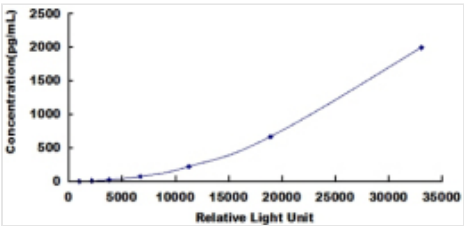
PRODUCT SYNONYMS

Triggering Receptor Expressed On Myeloid Cells 1 (TREM1); Human Triggering Receptor Expressed On Myeloid Cells 1 (TREM1) CLIA Kit; Triggering Receptor Expressed On Myeloid Cells 1; CD354; Triggering Receptor Expressed On Monocytes-1; TREM1 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Triggering Receptor Expressed On Myeloid Cells 1 (TREM1). No significant cross-reactivity or interference between Triggering Receptor Expressed On Myeloid Cells 1 (TREM1) and analogues was observed.
Sequence Length	225
Assay Type	Double-antibody Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	2.74-2,000pg/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 1.12pg/mL
Applicable Applications for TREM1 clia kit	CLIA (Chemiluminescence Immunoassay)
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Triggering Receptor Expressed On Myeloid Cells 1 (TREM1) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Triggering Receptor Expressed On Myeloid Cells 1 (TREM1) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Test Principle	The microplate provided in this kit has been pre-coated with an antibody specific to Triggering Receptor Expressed On Myeloid Cells 1 (TREM1). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Triggering Receptor Expressed On Myeloid Cells 1 (TREM1). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Triggering Receptor Expressed On Myeloid Cells 1 (TREM1) level in the sample or standard.
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

NCBI AND UNIPROT INFORMATION

NCBI GI #	336088680
NCBI GeneID	54210
NCBI Accession #	NP_001229518.1
NCBI GenBank Nucleotide #	NP_001229518.1
UniProt Accession #	Q9NP99
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/human-clia-kits/triggering-receptor-expressed-on-myeloid-cells-1-trem1/188895>