Human Translocating Chain-Associated Membrane Protein 1 (TRAM1) ELISA Kit | TRAM1 elisa kit

Human Translocating Chain-Associated Membrane Protein 1 (TRAM1) ELISA Kit

CATALOG #	REACTIVITY
AAA330361	**Human**

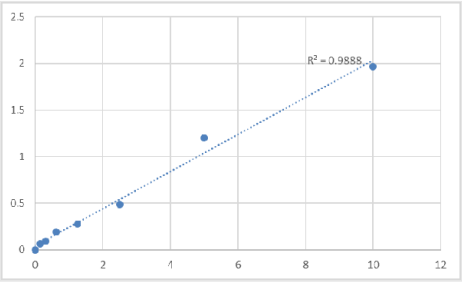
PRODUCT SYNONYMS

Translocating Chain-Associated Membrane Protein 1 (TRAM1); Human Translocating Chain-Associated Membrane Protein 1 (TRAM1) ELISA Kit; TRAM1; PNAS8; PRO1292; TRAM; TRAMP; translocating chain-associating membrane protein; translocation-associating membrane protein 1; TRAM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Translocating chain-associated membrane protein 1 (TRAM1) ELISA Kit has high sensitivity and excellent specificity for detection of Human TRAM1. No significant cross-reactivity or interference between Human TRAM1 and analogues was observed.
Sequence Length	374
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)
Fig.1. Human Translocating chain-associated membrane protein 1 (TRAM1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TRAM1 elisa kit	Description: This Human Translocating chain-associated membrane protein 1 (TRAM1) ELISA Kit employs a two-site sandwich ELISA to quantitate TRAM1 in samples. An antibody specific for TRAM1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TRAM1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TRAM1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TRAM1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: TRAM1 is a multi-pass membrane protein that is part of the mammalian endoplasmic reticulum. The protein influences glycosylation and facilitates the translocation of secretory proteins across the endoplasmic reticulum membrane by regulating which domains of the nascent polypeptide chain are visible to the cytosol during a translocational pause. TRAM is a 374-amino acid, 8-pass transmembrane protein that shares 95% amino acid identity with the canine protein. TRAM contains a potential N-terminal N-linked glycosylation site and a C-terminal 60-residue cytosolic portion. Immunoblot analysis showed that TRAM is an abundantly expressed, approximately 36-kD microsomal glycoprotein. Functional analysis indicated that TRAM influences glycosylation and is stimulatory or required for the translocation of secretory proteins.

NCBI AND UNIPROT INFORMATION

NCBI GI #	18202507
NCBI GeneID	23471
UniProt Accession #	Q15629
NCBI Official Full Name	Translocating chain-associated membrane protein 1
NCBI Official Synonym Full Names	translocation associated membrane protein 1
NCBI Official Symbol	TRAM1
NCBI Official Synonym Symbols	TRAM; PNAS8; TRAMP
NCBI Protein Information	translocating chain-associated membrane protein 1
UniProt Protein Name	Translocating chain-associated membrane protein 1
UniProt Gene Name	**TRAM1**
UniProt Synonym Gene Names	TRAM
UniProt Entry Name	TRAM1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/human-elisa-kits/translocating-chain-associated-membrane-protein-1-tram1/330361