Human SLAM Family Member 7 (SLAMF7) ELISA Kit | SLAMF7 elisa kit

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CATALOG #	REACTIVITY
AAA330855	**Human**

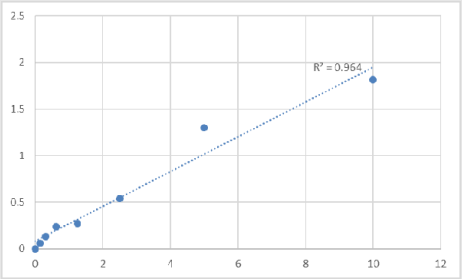
PRODUCT SYNONYMS

SLAM Family Member 7 (SLAMF7); Human SLAM Family Member 7 (SLAMF7) ELISA Kit; SLAMF7; 19A; CD319; CRACC; CS1; 19A24 protein; CD2-like receptor activating cytotoxic cells; novel LY9 (lymphocyte antigen 9) like protein; SLAMF7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human SLAM family member 7 (SLAMF7) ELISA Kit has high sensitivity and excellent specificity for detection of Human SLAMF7. No significant cross-reactivity or interference between Human SLAMF7 and analogues was observed.
Sequence Length	165
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 SLAM family member 7 (SLAMF7) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SLAMF7 elisa kit	Description: This Human SLAM family member 7 (SLAMF7) ELISA Kit employs a two-site sandwich ELISA to quantitate SLAMF7 in samples. An antibody specific for SLAMF7 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SLAMF7 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SLAMF7 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 SLAMF7 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Sequence analysis predicted that the 335-amino acid transmembrane protein has a 225-residue extracellular domain, which has 7 putative N-linked glycosylation sites, and an 85-amino acid cytoplasmic domain, which contains 2 of the consensus tyrosine motifs and a third C-terminal tyrosine motif that has phe instead of thr. Functional analysis indicated that CRACC mediates lysis that is in addition to that mediated by NKP46 or CD16. Further analysis determined that, unlike CD244, cytotoxicity mediated by CRACC or NKP46 is SAP-independent and that CRACC triggers ERK activation. Immunoblot analysis showed that CRACC is tyrosine phosphorylated in activated NK cells and is associated with 19- and 39-kD proteins.

NCBI AND UNIPROT INFORMATION

NCBI GI #	543583691
NCBI GeneID	57823
NCBI Accession #	NP_001269517.1
NCBI GenBank Nucleotide #	NP_001269517.1
UniProt Accession #	Q9NQ25
NCBI Official Full Name	SLAM family member 7 isoform b
NCBI Official Synonym Full Names	SLAM family member 7
NCBI Official Symbol	SLAMF7
NCBI Official Synonym Symbols	19A; CS1; CD319; CRACC
NCBI Protein Information	SLAM family member 7
UniProt Protein Name	SLAM family member 7
UniProt Gene Name	**SLAMF7**
UniProt Synonym Gene Names	CS1; CRACC
UniProt Entry Name	SLAF7_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/human-elisa-kits/slam-family-member-7-slamf7/330855