

Mouse SLAMF7 ELISA Kit | SLAMF7 elisa kit

Mouse SLAMF7 PicoKine ELISA Kit

CATALOG #
AAA125225

REACTIVITY
Mouse

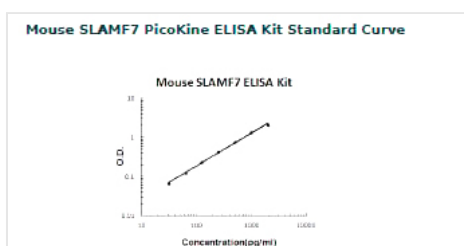
PRODUCT SYNONYMS

SLAMF7; Mouse SLAMF7 PicoKine ELISA Kit; Mouse SLAMF7; SLAM family member 7; Leukocyte cell-surface antigen; Novel Ly9; CD319; Slamf7; SLAMF7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant Mouse Slamf7
Sequence Length	333
Samples	Cell culture supernates, serum and plasma (heparin, EDTA, citrate)
Detection Range	31.2pg/ml-2000pg/ml
Sensitivity	<10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision across assays):Three samples of known concentration were tested in separate assays to assess interassay precision.
Preparation and Storage	Store at 4 degree C for 6 months. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SLAMF7 elisa kit	Principle of the Assay: The Picokine™ Mouse Slamf7 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Mouse Slamf7 with a 96-well strip plate that is pre-coated with antibody specific for Slamf7. The detection antibody is a biotinylated antibody specific for Slamf7. The capture antibody is a monoclonal antibody from rat, the detection antibody is a biotinylated polyclonal antibody from goat. The kit contains recombinant Mouse Slamf7 with immunogen: Expression system for standard: NSO, Immunogen sequence: S23-G224. The kit is analytically validated with ready to use reagents. To measure Mouse Slamf7, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly proportional to Mouse Slamf7 in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Mouse Slamf7 in the sample.!!Background/Introduction: SLAM family member 7 is a protein that in humans is encoded by the SLAMF7 gene. This gene is mapped to 1; 1 H3. The surface antigen CD319 (SLAMF7) is a robust marker of normal plasma cells and malignant plasma cells in multiple myeloma. In contrast to CD138 (the traditional plasma cell marker), CD319/SLAMF7 is much more stable and allows robust isolation of malignant plasma cells from delayed or even cryopreserved samples.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31541977
NCBI GeneID	75345
NCBI Accession #	NP_653122.2
NCBI GenBank Nucleotide #	NP_653122.2
UniProt Accession #	Q8BHK6
NCBI Official Full Name	SLAM family member 7 isoform 1
NCBI Official Synonym Full Names	SLAM family member 7
NCBI Official Symbol	Slamf7
NCBI Official Synonym Symbols	19A; CS1; 19A24; CRACC; 4930560D03Rik
NCBI Protein Information	SLAM family member 7
UniProt Protein Name	SLAM family member 7
UniProt Gene Name	Slamf7
UniProt Entry Name	SLAF7_MOUSE

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.