

Mouse Ly9/SLAMF3/CD229 ELISA Kit | LY9 elisa kit

Mouse Ly9/SLAMF3/CD229 PicoKine ELISA Kit

CATALOG #
AAA125224

REACTIVITY
Mouse

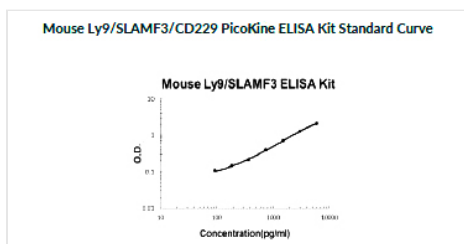
PRODUCT SYNONYMS

Ly9/SLAMF3/CD229; Mouse Ly9/SLAMF3/CD229 PicoKine ELISA Kit; Mouse Ly9/SLAMF3/CD229; lymphocyte antigen 9; T-lymphocyte surface antigen Ly-9; Cell surface molecule Ly-9; Lymphocyte antigen 9; SLAM family member 3; SLAMF3; Signaling lymphocytic activation molecule 3; CD229; Ly9; Ly-9; LY9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant Mouse Ly9
Sequence Length	544
Samples	Cell culture supernates, serum and plasma (heparin, EDTA, citrate)
Detection Range	93.7pg/ml-6000pg/ml
Sensitivity	<50pg/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 inter-assay 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 LY9 elisa kit	Principle of the Assay: The Picokine™ Mouse Ly9 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Mouse Ly9 with a 96-well strip plate that is pre-coated with antibody specific for Ly9. The detection antibody is a biotinylated antibody specific for Ly9. The capture antibody is a monoclonal antibody from rat, the detection antibody is a biotinylated polyclonal antibody from goat. The kit contains recombinant Mouse Ly9 with immunogen: Expression system for standard: NSO, Immunogen sequence: K48-R453. The kit is analytically validated with ready to use reagents. To measure Mouse Ly9, 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 Ly9 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 Ly9 in the sample.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	485464599
NCBI GeneID	17085
NCBI Accession #	NP_001264897.1
NCBI GenBank Nucleotide #	NP_001264897.1
UniProt Accession #	Q01965
NCBI Official Full Name	T-lymphocyte surface antigen Ly-9 isoform 2
NCBI Official Synonym Full Names	lymphocyte antigen 9
NCBI Official Symbol	Ly9
NCBI Official Synonym Symbols	Ly-9; T100; CD229; Lgp100; SLAMF3; AI893573
NCBI Protein Information	T-lymphocyte surface antigen Ly-9
UniProt Protein Name	T-lymphocyte surface antigen Ly-9
UniProt Gene Name	Ly9
UniProt Synonym Gene Names	Ly-9; SLAMF3
UniProt Entry Name	LY9_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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/ly9-slamf3-cd229/125224>