

Mouse CD39/ENTPD1 ELISA Kit | CD39/ENTPD1 elisa kit

Mouse CD39/ENTPD1 PicoKine ELISA Kit

CATALOG #
AAA125226

REACTIVITY
Mouse

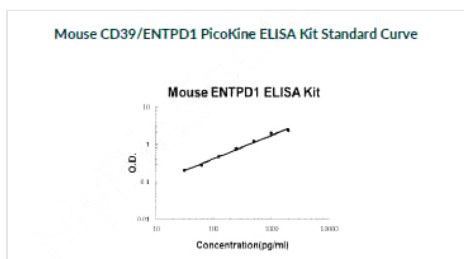
PRODUCT SYNONYMS

CD39/ENTPD1; Mouse CD39/ENTPD1 PicoKine ELISA Kit; Mouse CD39/ENTPD1; Ectonucleoside triphosphate diphosphohydrolase 1; NTPDase 1; Ecto-ATP diphosphohydrolase 1; Ecto-ATPDase 1; Ecto-ATPase 1; Ecto-apyrase; Lymphoid cell activation antigen; CD39; Entpd1; Cd39; CD39/ENTPD1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant Mouse Entpd1
Sequence Length	510
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 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 CD39/ENTPD1 elisa kit	Principle of the Assay: The Picokine™ Mouse Entpd1 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Mouse Entpd1 with a 96-well strip plate that is pre-coated with antibody specific for Entpd1. The detection antibody is a biotinylated antibody specific for Entpd1. The capture antibody is a monoclonal antibody from rat, the detection antibody is a biotinylated polyclonal antibody from goat. The kit contains recombinant Mouse Entpd1 with immunogen: Expression system for standard: NSO, Immunogen sequence: T38-I478. The kit is analytically validated with ready to use reagents. To measure Mouse Entpd1, 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 Entpd1 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 Entpd1 in the sample.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6753346
NCBI GeneID	12495
NCBI Accession #	NP_033978.1
NCBI GenBank Nucleotide #	NP_033978.1
UniProt Accession #	P55772
NCBI Official Full Name	ectonucleoside triphosphate diphosphohydrolase 1 isoform 2
NCBI Official Synonym Full Names	ectonucleoside triphosphate diphosphohydrolase 1
NCBI Official Symbol	Entpd1
NCBI Official Synonym Symbols	Cd39; AA408691; NTPDase-1; 2610206B08Rik; E130009M23Rik
NCBI Protein Information	ectonucleoside triphosphate diphosphohydrolase 1
UniProt Protein Name	Ectonucleoside triphosphate diphosphohydrolase 1
UniProt Gene Name	Entpd1
UniProt Synonym Gene Names	Cd39; NTPDase 1; Ecto-ATPDase 1; Ecto-ATPase 1
UniProt Entry Name	ENTP1_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.