

Mouse ectonucleotide pyrophosphatase/phosphodiesterase 1 ELISA Kit | ENPP1 elisa kit

Mouse Ectonucleotide pyrophosphatase/phosphodiesterase family member 1, ENPP1 ELISA Kit

CATALOG #
AAA112705

REACTIVITY
Mouse

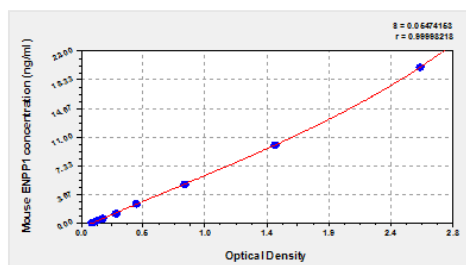
PRODUCT SYNONYMS

ectonucleotide pyrophosphatase/phosphodiesterase 1; Mouse Ectonucleotide pyrophosphatase/phosphodiesterase family member 1; ENPP1 ELISA Kit; Mouse Ectonucleotide pyrophosphatase/phosphodiesterase family member 1 (ENPP1) ELISA kit; M6S1; NPP1; NPPS; PC-1; PCA1; PDNP1; Ly-41 antigen; alkaline phosphodiesterase 1; membrane component; chromosome 6; surface marker 1; phosphodiesterase I/nucleotide pyrophosphatase 1; plasma-cell membra; ENPP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse ENPP1. No significant cross-reactivity or interference between mouse ENPP1 and analogues was observed.
Sequence Length	906
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	< 0.078 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ENPP1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ENPP1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ENPP1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ENPP1 is added to the wells. After washing, avidin 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 ENPP1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	568965117
NCBI GeneID	18605
NCBI Accession #	XP_006512660.1
NCBI GenBank Nucleotide #	XM_006512597.1
UniProt Accession #	P06802; Q542E9; Q924C4
Molecular Weight	103,176 Da
NCBI Official Full Name	ectonucleotide pyrophosphatase/phosphodiesterase family member 1 isoform X1
NCBI Official Synonym Full Names	ectonucleotide pyrophosphatase/phosphodiesterase 1
NCBI Official Symbol	Enpp1
NCBI Official Synonym Symbols	Pca; ttw; twy; M6S1; NPP1; Npps; PC-1; Ly-41; Pca-1; Pdnp1; C76301; CD203c; E-NPP1; AI428932; 4833416E15Rik
NCBI Protein Information	ectonucleotide pyrophosphatase/phosphodiesterase family member 1; E-NPP 1; tiptoe walking; lymphocyte antigen 41; plasma-cell membrane glycoprotein PC-1; phosphodiesterase I/nucleotide pyrophosphatase 1; 1 ectonucleotide pyrophosphatase/phosphodiesterase 1
UniProt Protein Name	Ectonucleotide pyrophosphatase/phosphodiesterase family member 1
UniProt Gene Name	Enpp1
UniProt Synonym Gene Names	Npps; Pc1; Pdnp1; E-NPP 1; Ly-41; NPPase
UniProt Entry Name	ENPP1_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/enpp1-mouse-elisa-kits/ectonucleotide-pyrophosphatase-phosphodiesterase-1/112705>