

Mouse ectonucleotide pyrophosphatase/phosphodiesterase 2 ELISA Kit | ENPP2 elisa kit

Mouse Ectonucleotide pyrophosphatase/phosphodiesterase family member 2, ENPP2 ELISA Kit

CATALOG #
AAA112359

REACTIVITY
Mouse

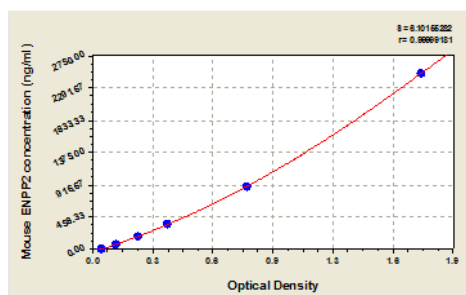
PRODUCT SYNONYMS

ectonucleotide pyrophosphatase/phosphodiesterase 2; Mouse Ectonucleotide pyrophosphatase/phosphodiesterase family member 2; ENPP2 ELISA Kit; Mouse Ectonucleotide pyrophosphatase/phosphodiesterase family member 2 (ENPP2) ELISA kit; ATX; ATX-X; AUTOTAXIN; FLJ26803; LysoPLD; NPP2; PD-IALPHA; PDNP2; autotaxin; autotaxin-t; phosphodiesterase I/nucleotide pyrophosphatase 2; plasma lysophospholipase D; ENPP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse ENPP2. No significant cross-reactivity or interference between mouse ENPP2 and analogues was observed.
Sequence Length	914
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	72 ng/ml-2500 ng/ml
Sensitivity	< 36 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. 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 ENPP2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ENPP2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells with a Horseradish Peroxidase (HRP) conjugated antibody specific for ENPP2. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ENPP2 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 #	209862963
NCBI GeneID	18606
NCBI Accession #	NP_001129549.1
NCBI GenBank Nucleotide #	NM_001136077.2
UniProt Accession #	Q9R1E6; Q6PDE0; Q99LG9; A8UH85; A8UH93; B2ZP54
Molecular Weight	98,885 Da
NCBI Official Full Name	ectonucleotide pyrophosphatase/phosphodiesterase family member 2 isoform 1 preproprotein
NCBI Official Synonym Full Names	ectonucleotide pyrophosphatase/phosphodiesterase 2
NCBI Official Symbol	Enpp2
NCBI Official Synonym Symbols	ATX; Npps2; Pdnp2; lysoPLD; PD-lalpha
NCBI Protein Information	ectonucleotide pyrophosphatase/phosphodiesterase family member 2; E-NPP 2; autotaxin; extracellular lysophospholipase D; phosphodiesterase I/nucleotide pyrophosphatase 2
UniProt Protein Name	Ectonucleotide pyrophosphatase/phosphodiesterase family member 2
UniProt Gene Name	Enpp2
UniProt Synonym Gene Names	Npps2; Pdnp2; E-NPP 2; LysoPLD
UniProt Entry Name	ENPP2_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/enpp2-mouse-elisa-kits/ectonucleotide-pyrophosphatase-phosphodiesterase-2/112359>