

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

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

CATALOG #
AAA112785

REACTIVITY
Human

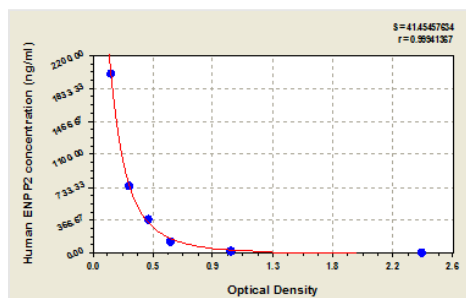
PRODUCT SYNONYMS

ectonucleotide pyrophosphatase/phosphodiesterase 2; Human Ectonucleotide pyrophosphatase/phosphodiesterase family member 2; ENPP2 ELISA Kit; Human 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	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human ENPP2. No significant cross-reactivity or interference between Human ENPP2 and analogues was observed.
Sequence Length	863
Samples	Serum, plasma and tissue homogenates
Assay Type	Competitive
Detection Range	50ng/ml-2000 ng/ml
Sensitivity	50ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Immunity
Protein Biological Process 2	chemokine
Protein Biological Process 3	Chemotaxis
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 competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with ENPP2. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated antibody preparation specific for ENPP2. The competitive inhibition reaction is launched between with pre-coated ENPP2 and ENPP2 in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of ENPP2 in the samples. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	91823602
NCBI GeneID	5168
NCBI Accession #	NP_001035181.1
NCBI GenBank Nucleotide #	NM_001040092.2
UniProt Accession #	Q13822; Q13827; Q14555; Q15117; Q9UCQ8; Q9UCR0; Q9UCR1; Q9UCR2; Q9UCR3; Q9UCR4; A8UHA1; E9PHP7
Molecular Weight	98,994 Da
NCBI Official Full Name	ectonucleotide pyrophosphatase/phosphodiesterase family member 2 isoform 2 preproprotein
NCBI Official Synonym Full Names	ectonucleotide pyrophosphatase/phosphodiesterase 2
NCBI Official Symbol	ENPP2
NCBI Official Synonym Symbols	ATX; NPP2; ATX-X; PDNP2; LysoPLD; AUTOTAXIN; PD-IALPHA
NCBI Protein Information	ectonucleotide pyrophosphatase/phosphodiesterase family member 2; E-NPP 2; autotaxin-t; plasma lysophospholipase D; 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	ATX; PDNP2; E-NPP 2; LysoPLD
UniProt Entry Name	ENPP2_HUMAN

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-human-elisa-kits/ectonucleotide-pyrophosphatase-phosphodiesterase-2/112785>