

Human ENPP5 ELISA Kit | ENPP5 elisa kit

Human ENPP5 Primacu ELISA Kit

CATALOG #
AAA124211

REACTIVITY
Human

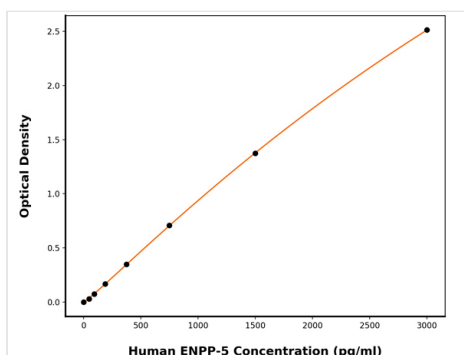
PRODUCT SYNONYMS

ENPP5; Human ENPP5 Primacu ELISA Kit; Ectonucleotide pyrophosphatase/phosphodiesterase family member 5; ENPP-5; ENPP5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	46.88-3000pg/mL
Sensitivity	12.3pg/mL
Standard Solution	30ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for ENPP5 elisa kit

ENPP5 is a member of the nucleotide pyrophosphatase/phosphodiesterase family (NPP). It is a family comprised of dimeric enzymes that catalyze the hydrolysis of phosphate diester bonds. There are seven isoforms in NPP family, some of which prefer nucleotide substrates, some of which prefer phospholipid substrates, and others of which prefer substrates that have not yet been determined. NPP also belongs to the alkaline phosphatase (AP) superfamily of enzymes and they are located in the cell membrane and hydrolyze extracellular phosphate diesters to affect a wide variety of biological processes. ENPP5 belongs to a group of nucleotidemetabolizing ectoenzymes, which regulate the availability of extracellular nucleotides. ENPP5 may play a role in neuronal cell communication. However, it lacks nucleotide pyrophosphatase and lysopholipase D activity. It may also be involved in neuronal cell communication. The amino acid sequence of human ENPP5 is 100%, 88%, and 82% identical to that of chimpanzee, dog and mouse/rat. ENPP5 functions in phospholipid metabolism.

Product Categories/Family for ENPP5
elisa kit

Primacu ELISA Kit; Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	11034849
NCBI GeneID	59084
NCBI Accession #	NP_067547.1
NCBI GenBank Nucleotide #	NM_021572.4
UniProt Accession #	Q9UJA9; Q5TFV2; Q6UX49
Molecular Weight	54,666 Da
NCBI Official Full Name	ectonucleotide pyrophosphatase/phosphodiesterase family member 5
NCBI Official Synonym Full Names	ectonucleotide pyrophosphatase/phosphodiesterase 5 (putative)
NCBI Official Symbol	ENPP5
NCBI Official Synonym Symbols	KIAA0879
NCBI Protein Information	ectonucleotide pyrophosphatase/phosphodiesterase family member 5; NPP-5; E-NPP 5; OTTHUMP00000016542; OTTHUMP00000016543; ectonucleotide pyrophosphatase/phosphodiesterase 5 (putative function)
UniProt Protein Name	Ectonucleotide pyrophosphatase/phosphodiesterase family member 5
UniProt Gene Name	ENPP5
UniProt Entry Name	ENPP5_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/human-elisa-kits/enpp5/124211>