

Mouse Pancreatic prohormone ELISA Kit | Ppy elisa kit

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CATALOG #
AAA99316

REACTIVITY
Mouse

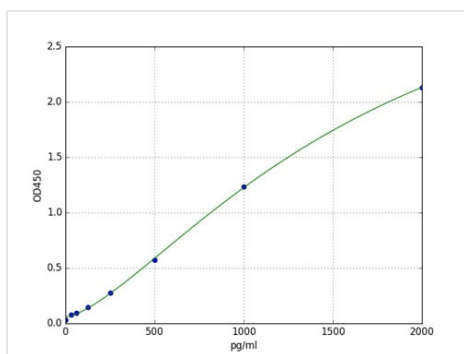
PRODUCT SYNONYMS

Pancreatic prohormone; Mouse Pancreatic prohormone ELISA Kit; PPY/INN/Obinepitide/PNP/PP/Obinepitide/pancreatic polypeptide (ppy)/pancreatic polypeptide/pancreatic polypeptide Y/pancreatic prohormone; Ppy elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	95
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve
Results of a typical standard run of a Mouse PP ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	31.2	62.5	125	250	500	1000	2000
Y	OD450	0.073	0.135	0.178	0.351	0.531	0.980	1.590	1.984

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Ppy elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse PP antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse PP antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse PP amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse PP can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506033
NCBI GeneID	5539
NCBI Accession #	NP_002713.1
NCBI GenBank Nucleotide #	NM_002722.4
Molecular Weight	18,786 Da
NCBI Official Full Name	pancreatic prohormone isoform 1 preproprotein
NCBI Official Synonym Full Names	pancreatic polypeptide
NCBI Official Symbol	PPY
NCBI Official Synonym Symbols	PP; PNP
NCBI Protein Information	pancreatic prohormone
UniProt Protein Name	Pancreatic prohormone
UniProt Gene Name	PPY
UniProt Synonym Gene Names	PNP; PP; PH; PI
UniProt Entry Name	PAHO_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/ppy-mouse-elisa-kits/pancreatic-prohormone/99316>