

Rat pancreatic polypeptide ELISA Kit | PPY elisa kit

Rat Pancreatic prohormone, PPY ELISA Kit

CATALOG #
AAA15326

REACTIVITY
Rat

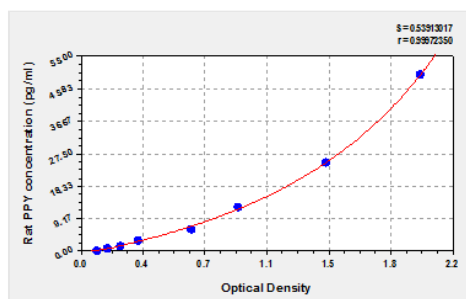
PRODUCT SYNONYMS

pancreatic polypeptide; Rat Pancreatic prohormone; PPY ELISA Kit; Rat Pancreatic prohormone (PPY) ELISA kit; PNP; pancreatic polypeptide Y; PPY elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat PPY. No significant cross-reactivity or interference between rat PPY and analogues was observed.
Sequence Length	36
Samples	Serum, plasma.
Assay Type	Sandwich
Detection Range	0.78 pg/ml -50 pg/ml.
Sensitivity	0.2 pg/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 PPY elisa kit	Principle of the Assay This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PPY has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PPY present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PPY 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 PPY 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 #	730266
UniProt Accession #	P41336
Molecular Weight	4,197 Da
NCBI Official Full Name	Pancreatic hormone
UniProt Protein Name	Pancreatic hormone
UniProt Gene Name	PPY
UniProt Synonym Gene Names	PH; PP
UniProt Entry Name	PAHO_RABIT

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-rat-elisa-kits/pancreatic-polypeptide/15326>