

Porcine PP ELISA Kit | PP elisa kit

Porcine PP (Pancreatic Polypeptide) ELISA Kit

CATALOG #
AAA165627

REACTIVITY
Porcine

PRODUCT SYNONYMS

PP; Porcine PP (Pancreatic Polypeptide) ELISA Kit; PP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	This kit recognizes natural and recombinant Porcine PP. No significant cross-reactivity or interference between Porcine PP and analogues was observed.
Sequence Length	95
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	1.563-100ng/mL
Sensitivity	Min: 0.938ng/mL; Max: 100ng/mL
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for PP elisa kit

Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Porcine PP concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to PP. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for PP and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain PP, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of PP. You can calculate the concentration of PP in the samples by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506033
NCBI GeneID	5539
NCBI Accession #	NP_002713.1
NCBI GenBank Nucleotide #	NM_002722.3
UniProt Accession #	P01298
Molecular Weight	10,445 Da

NCBI Official Full Name	pancreatic prohormone preproprotein
NCBI Official Synonym Full Names	pancreatic polypeptide
NCBI Official Symbol	PPY
NCBI Official Synonym Symbols	PNP
NCBI Protein Information	pancreatic prohormone; PP; pancreatic polypeptide Y; prepro-PP (prepropancreatic polypeptide)
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://www.aaabiotech.com/porcine-elisa-kits/pp/165627>