

Canine Pancreatic Polypeptide ELISA Kit | PP elisa kit

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CATALOG #
AAA33987

REACTIVITY
Canine

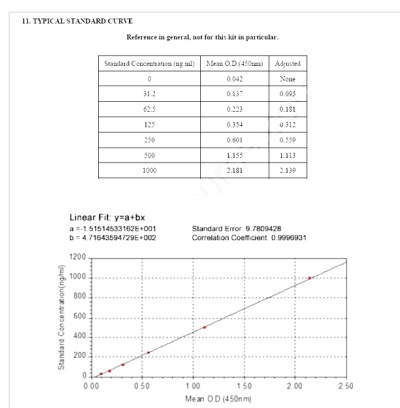
PRODUCT SYNONYMS

Pancreatic Polypeptide; Canine Pancreatic Polypeptide ELISA Kit; PP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	This kit recognizes recombinant and natural Canine PP, no significant cross-reactivity or interference was observed.
Samples	Serum, Plasma, Tissue Homogenate, Feces, Urine and Body Fluids
Detection Range	15.6 pg/ml - 500 pg/ml.
Sensitivity	2.0 pg/ml.
Intended Uses	This ELISA kit is intended for laboratory in vitro research use only, not for drug, household or other use! The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm by a spectrophotometer. In order to measure the concentration of Canine PP in the sample, this ELISA kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus Canine PP concentration. The concentration of Canine PP in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Intra-assay Precision	Intra-assay CV (%) are less than 15%.
Inter-assay Precision	Inter-assay CV (%) are less than 15%.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PP elisa kit	Introduction: ELISA is a simple and highly sensitive method of analysis that allows for simultaneous and rapid quantification of a large number of samples. The assay is based on the specific recognition of the target compound (analyte/antigen) by antibodies which bind to the compound. The antigen-antibody complex is detected and measured with the aid of an enzyme-labeled antibody or antigen. Upon addition of a non-colored reagent, the enzyme produces a color reaction where the color intensity is directly or inversely proportional to the concentration of the analyte in the sample.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119572034
NCBI GeneID	5539
UniProt Accession #	P01298
Molecular Weight	10,445 Da
NCBI Official Full Name	pancreatic polypeptide
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/pp-canine-elisa-kits/pancreatic-polypeptide/33987>