



Human Pancreatic Polypeptide,PP ELISA Kit

Product Code	CSB-E09206h
Abbreviation	PP
Target Name	Pancreatic Polypeptide,PP
Uniprot No.	P01298
Alias	N/A
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma
Detection Range	31.25 pg/mL-2000 pg/mL
Sensitivity	7.81 pg/mL
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
Research Area	Signal Transduction
Gene Names	PPY
Tag Info	quantitative
Protein Description	Sandwich

Description

This Human Pancreatic Polypeptide (PP) ELISA Kit was designed for the quantitative measurement of Human Pancreatic Polypeptide (PP) protein in serum, plasma. It is a Sandwich ELISA kit, its detection range is 31.25 pg/mL-2000 pg/mL and the sensitivity is 7.81 pg/mL.

Product 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 (Precision between assays): CV%<10%
 Three samples of known concentration were tested in twenty assays to assess.

Linearity

To assess the linearity of the assay, samples were spiked with high concentrations of human PP in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.

	Sample	Serum(n=4)
1:1	Average %	86
	Range %	83-89



1:2	Average %	99
	Range %	84-102
1:4	Average %	89
	Range %	84-93
1:8	Average %	97
	Range %	94-100

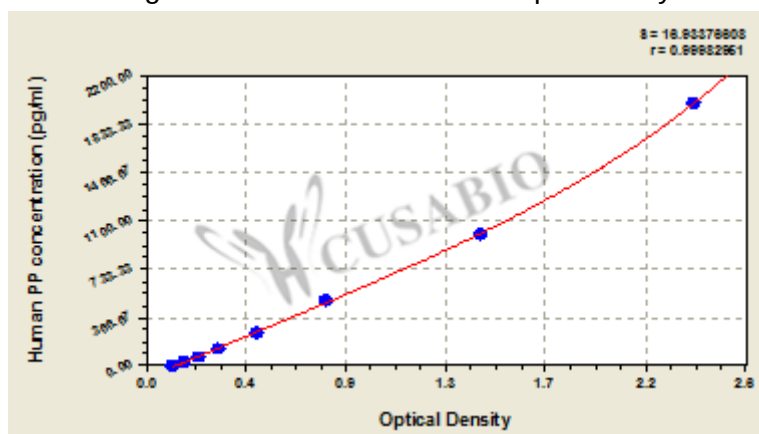
Recovery

The recovery of human PP spiked to levels throughout the range of the assay in various matrices was evaluated. Samples were diluted prior to assay as directed in the Sample Preparation section.

Sample Type	Average % Recovery	Range
Serum (n=5)	89	95-94
EDTA plasma (n=4)	108	104-112

Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



pg/ml	OD1	OD2	Average	Corrected
2000	2.353	2.369	2.361	2.239
1000	1.470	1.420	1.445	1.323
500	0.795	0.763	0.779	0.657
250	0.473	0.498	0.486	0.364
125	0.315	0.328	0.322	0.200
62.5	0.232	0.241	0.237	0.115
31.25	0.171	0.179	0.175	0.053
0	0.123	0.120	0.122	

Msds

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