



Human Phosphatidylethanolamine-binding protein 1(PEBP1) ELISA kit

Product Code	CSB-EL017766HU
Abbreviation	PEBP1
Target Name	phosphatidylethanolamine binding protein 1
Uniprot No.	P30086
Alias	HCNP, PBP, PEBP, RKIP, Raf kinase inhibitory protein hippocampal cholinergic neurostimulating peptide prostatic binding protein
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma, cell lysates
Detection Range	0.156 ng/mL-10 ng/mL
Sensitivity	0.039 ng/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	Cancer
Gene Names	PEBP1
Tag Info	quantitative
Protein Description	Sandwich
Description	This Human PEBP1 ELISA Kit was designed for the quantitative measurement of Human PEBP1 protein in serum, plasma, cell lysates. It is a Sandwich ELISA kit, its detection range is 0.156 ng/mL-10 ng/mL and the sensitivity is 0.039 ng/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 PEBP1 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 %	102
	Range %	89-107
1:2	Average %	101
	Range %	96-105
1:4	Average %	94
	Range %	87-98
1:8	Average %	94
	Range %	87-99

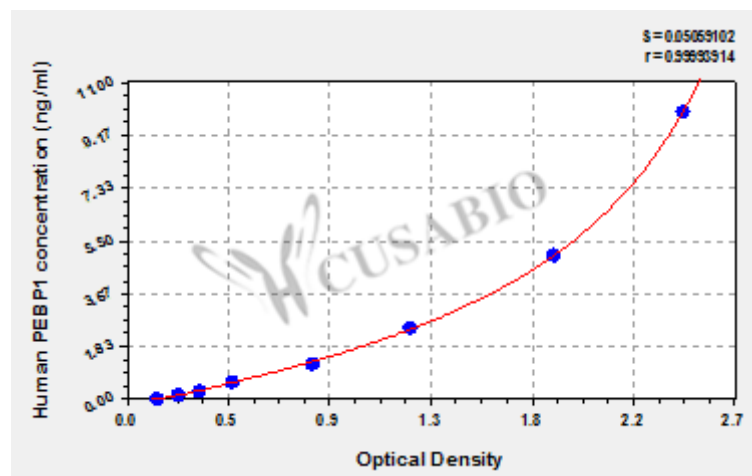
Recovery

The recovery of human PEBP1 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)	102	93-106
EDTA plasma (n=4)	101	95-104

Typical

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



ng/ml	OD1	OD2	Average	Corrected
10	2.483	2.423	2.453	2.308
5	1.902	1.876	1.889	1.744
2.5	1.271	1.245	1.258	1.113
1.25	0.853	0.802	0.828	0.683
0.625	0.481	0.471	0.476	0.331
0.312	0.336	0.328	0.332	0.187
0.156	0.241	0.234	0.238	0.093
0	0.148	0.142	0.145	?

Msds

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EL017766HU.pdf", "filename": "MSDS"}}}