



Human Dipeptidase 1(DPEP1) ELISA kit

Product Code	CSB-EL007123HU		
Abbreviation	DPEP1		
Target Name	dipeptidase 1 (renal)		
Uniprot No.	P16444		
Alias	MBD1, MDP, RDP, OTTHUMP00000175356 dipeptidase 1		
Product Type	ELISA Kit		
Immunogen Species	Homo sapiens (Human)		
Sample Types	serum, plasma, tissue homogenates, cell lysates		
Detection Range	23.5 pg/mL-1500 pg/mL		
Sensitivity	5.86 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	Cancer		
Gene Names	DPEP1		
Tag Info	quantitative		
Protein Description	Sandwich		
Description	This Human DPEP1 ELISA Kit was designed for the quantitative measurement of Human DPEP1 protein in serum, plasma, tissue homogenates, cell lysates. It is a Sandwich ELISA kit, its detection range is 23.5 pg/mL-1500 pg/mL and the sensitivity is 5.86 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 DPEP1 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 %	88
	Range %	80-93
1:2	Average %	97
	Range %	91-106
1:4	Average %	102
	Range %	92-111
1:8	Average %	94
	Range %	86-99

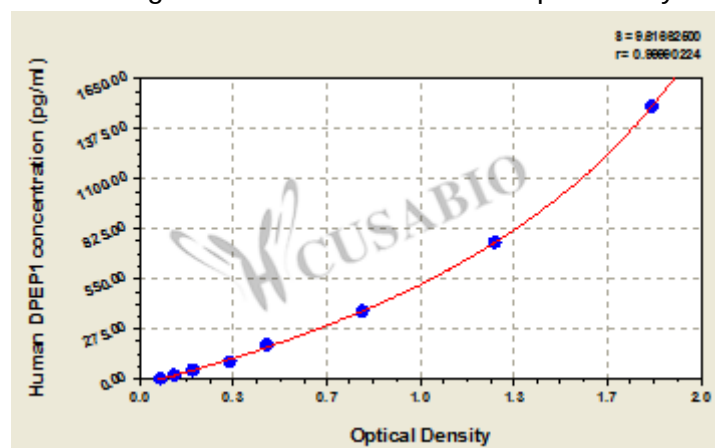
Recovery

The recovery of human DPEP1 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)	95	89-99
EDTA plasma (n=4)	98	90-101

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
1500	1.885	1.752	1.819	1.739
750	1.303	1.223	1.263	1.183
375	0.812	0.778	0.795	0.715
187.5	0.465	0.453	0.459	0.379
94	0.331	0.319	0.325	0.245
47	0.194	0.191	0.193	0.113
23.5	0.129	0.126	0.128	0.048
0	0.080	0.079	0.080	?

Msds

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