



Human dermatopontin,DPT ELISA Kit

Product Code	CSB-E11277h
Abbreviation	DPT
Protein Biological Process 1	Cell Adhesion
Target Name	dermatopontin
Uniprot No.	Q07507
Alias	TRAMP, tyrosine-rich acidic matrix protein
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Protein Biological Process 3	Cell adhesion
Sample Types	serum, plasma, cell culture supernates, tissue homogenates
Detection Range	0.312 ng/mL-20 ng/mL
Sensitivity	0.078 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	Signal Transduction
Gene Names	DPT
Tag Info	quantitative
Protein Description	Sandwich
Description	This Human DPT ELISA Kit was designed for the quantitative measurement of Human DPT protein in serum, plasma, cell culture supernates, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 0.312 ng/mL-20 ng/mL and the sensitivity is 0.078 ng/mL.
Target Details	Dermatopontin is an extracellular matrix protein with possible functions in cell-matrix interactions and matrix assembly. The protein is found in various tissues and many of its tyrosine residues are sulphated. Dermatopontin is postulated to modify the behavior of TGF-beta through interaction with decorin.
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 DPT 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 % Range %
1:2	Average % Range %
1:4	Average % Range %
1:8	Average % Range %

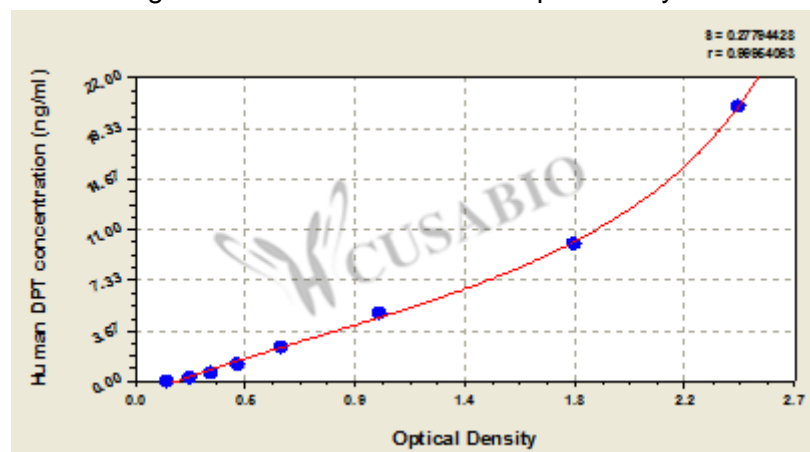
Recovery

The recovery of human DPT 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	83-104
EDTA plasma (n=4)	95	87-105

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
20	2.417	2.493	2.455	2.314
10	1.763	1.817	1.790	1.649
5	1.025	0.982	1.004	0.863
2.5	0.611	0.595	0.603	0.462
1.25	0.436	0.416	0.426	0.285
0.625	0.329	0.307	0.318	0.177
0.312	0.238	0.228	0.233	0.092
0	0.142	0.139	0.141	

Msds

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