Human Soluble CD276,sCD276/sB7-H3 ELISA Kit

Product Code	CSB-E14285h
Abbreviation	CD276
Target Name	CD276 molecule
Uniprot No.	Q5ZPR3
Alias	B7-H3, B7H3, B7 homolog 3|CD276 antigen
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma, urine, cell culture supernates
Detection Range	3.12 ng/mL-200 ng/mL
Sensitivity	0.78 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	CD276
Tag Info	quantitative
Protein Description	Sandwich
Description	This Human CD276 ELISA Kit was designed for the quantitative measurement of Human CD276 protein in serum, plasma, urine, cell culture supernates. It is a Sandwich ELISA kit, its detection range is 3.12 ng/mL-200 ng/mL and the sensitivity is 0.78 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 sCD276/sB7-H3 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 %	84-92
1:2	Average %	94
	Range %	90-98
1:4	Average %	99
	Range %	95-104
1:8	Average %	102
	Range %	96-108

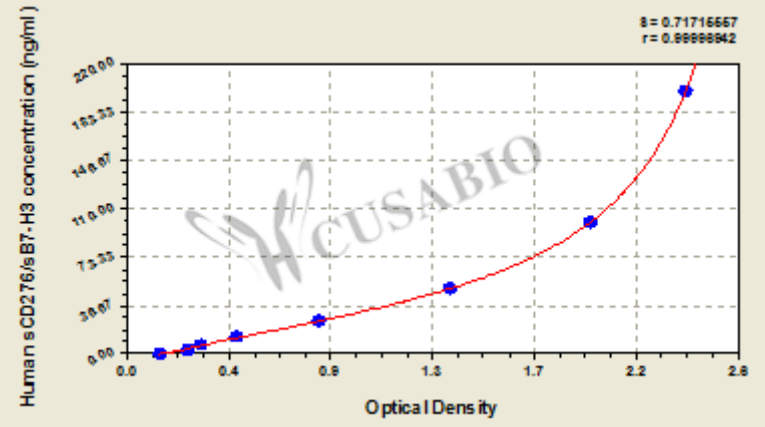
Recovery

The recovery of human sCD276/sB7-H3 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	93-96
EDTA plasma (n=4)	100	95-105

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
200	2.398	2.387	2.393	2.240
100	1.974	1.999	1.987	1.834
50	1.379	1.398	1.389	1.236
25	0.854	0.801	0.828	0.675
12.5	0.486	0.472	0.479	0.326
6.25	0.335	0.325	0.330	0.177
3.12	0.262	0.279	0.271	0.118
0	0.152	0.154	0.153	?

Msds

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