Human Endosialin(CD248) ELISA kit

Product Code	CSB-EL004905HU
Abbreviation	CD248
Target Name	CD248 molecule, endosialin
Uniprot No.	Q9HCU0
Alias	CD164L1, MGC119478, MGC119479, TEM1, 2610111G01Rik|CD164 sialomucin-like 1|CD248 antigen, endosialin|endosialin|tumor endothelial marker 1
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma, tissue homogenates, cell lysates
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	Others
Gene Names	CD248
Tag Info	quantitative
Protein Description	Sandwich
Description	This Human CD248 ELISA Kit was designed for the quantitative measurement of Human CD248 protein in serum, plasma, tissue homogenates, cell lysates. 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.
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 CD248 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 %	80-90
1:2	Average %	97
	Range %	90-105
1:4	Average %	96
	Range %	91-100
1:8	Average %	94
	Range %	89-100

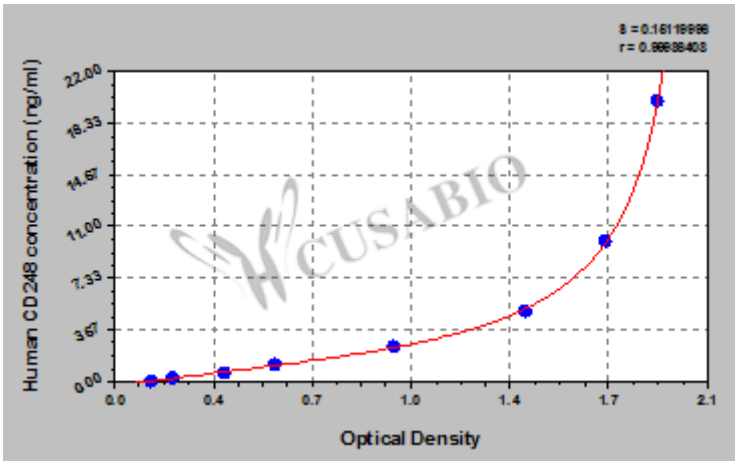
Recovery

The recovery of human CD248 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)	90	80-98
EDTA plasma (n=4)	96	91-100

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	1.909	1.852	1.881	1.741
10	1.696	1.706	1.701	1.561
5	1.444	1.411	1.428	1.288
2.5	0.952	0.993	0.973	0.833
1.25	0.583	0.549	0.566	0.426
0.625	0.382	0.395	0.389	0.249
0.312	0.218	0.201	0.210	0.070
0	0.142	0.137	0.140	?

Msds

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