Human Adenosine deaminase CECR1(CECR1) ELISA kit

Product Code	CSB-EL005187HU
Abbreviation	CECR1
Target Name	cat eye syndrome chromosome region, candidate 1
Uniprot No.	Q9NZK5
Alias	ADGF, IDGFL, OTTHUMP00000028854|OTTHUMP00000196142|cat eye syndrome critical region protein 1
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma, 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	Epigenetics and Nuclear Signaling
Gene Names	ADA2
Tag Info	quantitative
Protein Description	Sandwich
Description	
	This Human CECR1 ELISA Kit was designed for the quantitative measurement of Human CECR1 protein in serum, plasma, 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.
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 CECR1 in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.

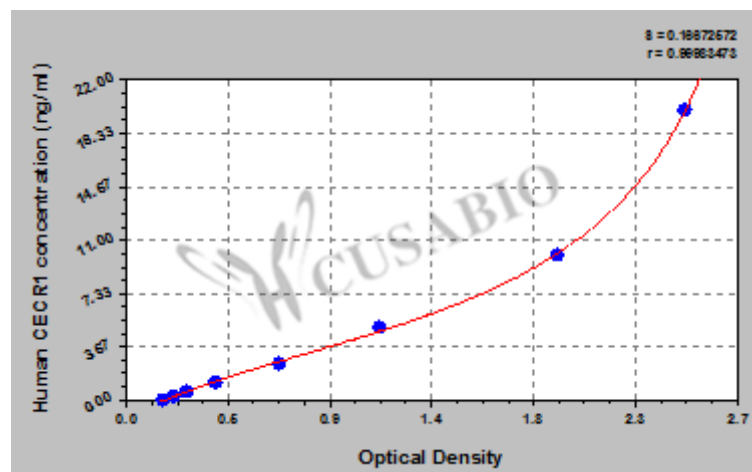| ?	Sample	Serum(n=4)
1:1	Average %	105
	Range %	101-109
1:2	Average %	92
	Range %	88-96
1:4	Average %	89
	Range %	84-93
1:8	Average %	96
	Range %	91-100

Recovery

The recovery of human CECR1 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)	87	82-91
EDTA plasma (n=4)	93	89-97

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	2.463	2.518	2.491	2.307
10	1.954	1.894	1.924	1.740
5	1.115	1.160	1.138	0.954
2.5	0.716	0.679	0.698	0.514
1.25	0.401	0.427	0.414	0.230
0.625	0.279	0.291	0.285	0.101
0.312	0.227	0.235	0.231	0.047
0	0.182	0.186	0.184	?

Msds

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