Human receptor-binding cancer antigen expressed on SiSo cells?RCAS1 ELISA kit

Product Code	CSB-E12153h
Abbreviation	EBAG9
Protein Biological Process 1	Apoptosis/Autophagy
Target Name	estrogen receptor binding site associated, antigen, 9
Uniprot No.	O00559
Alias	EB9, PDAF, RCAS1, cancer associated surface antigen|estrogen receptor binding site associated antigen 9
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Protein Biological Process 3	Apoptosis
Sample Types	serum, tissue homogenates
Detection Range	0.78 U/mL-50 U/mL
Sensitivity	0.195 U/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	EBAG9
Tag Info	quantitative
Protein Description	Sandwich
Description	This Human EBAG9 ELISA Kit was designed for the quantitative measurement of Human EBAG9 protein in serum, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 0.78 U/mL-50 U/mL and the sensitivity is 0.195 U/mL .
Target Details	This gene was identified as an estrogen-responsive gene. Regulation of transcription by estrogen is mediated by estrogen receptor which binds to the estrogen-responsive element (ERE) found in the 5 -flanking region of this gene. The encoded protein is a tumor-associated antigen that is expressed at high frequency in a variety of cancers. Two transcript variants differing in the 5 UTR,

but encoding the same protein, have been identified for this gene.

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 RCAS1 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 %	94
	Range %	90-98
1:2	Average %	96
	Range %	91-101
1:4	Average %	100
	Range %	95-106
1:8	Average %	105
	Range %	99-111

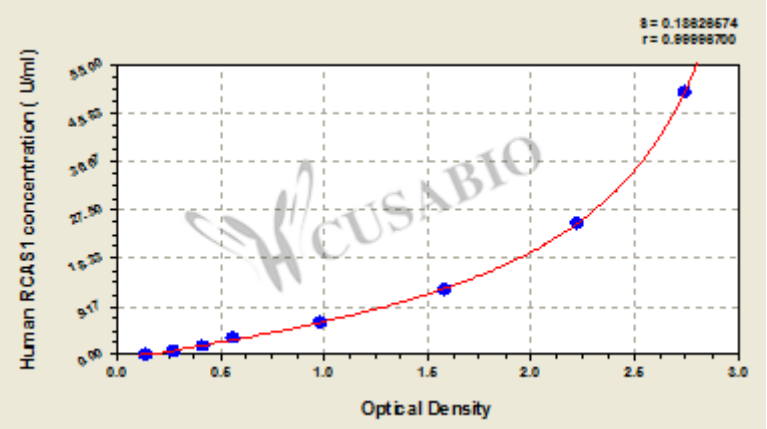
Recovery

The recovery of human RCAS1 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)	96	92-102
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.



U/ml	OD1	OD2	Average	Corrected
50	2.702	2.758	2.730	2.577
25	2.211	2.219	2.215	2.062
12.5	1.566	1.596	1.581	1.428
6.25	0.984	0.997	0.991	0.838
3.12	0.562	0.581	0.572	0.419
1.56	0.439	0.407	0.423	0.270
0.78	0.291	0.281	0.286	0.133
0	0.151	0.154	0.153	?

Msds

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