



Human Extracellular sulfatase Sulf-1 (SULF1) ELISA kit

Product Code	CSB-EL022930HU
Abbreviation	SULF1
Protein Biological Process 1	Apoptosis/Autophagy
Target Name	sulfatase 1
Uniprot No.	Q8IWU6
Alias	FLJ30905, FLJ38022, FLJ41750, HSULF-1, KIAA1077, SULF-1, sulfatase FP
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Protein Biological Process 3	Apoptosis
Sample Types	serum, plasma, tissue homogenates, cell lysates
Detection Range	7.8 pg/mL-500pg/mL
Sensitivity	1.95 pg/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	SULF1
Tag Info	quantitative
Protein Description	Sandwich

Description

This Human SULF1 ELISA Kit was designed for the quantitative measurement of Human SULF1 protein in serum, plasma, tissue homogenates, cell lysates. It is a Sandwich ELISA kit, its detection range is 7.8 pg/mL-500pg/mL and the sensitivity is 1.95 pg/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 SULF1 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)
	Average %	95
1:1	Range %	87-99
	Average %	103
1:2	Range %	91-108
	Average %	97
1:4	Range %	92-100
	Average %	100
1:8	Range %	90-104

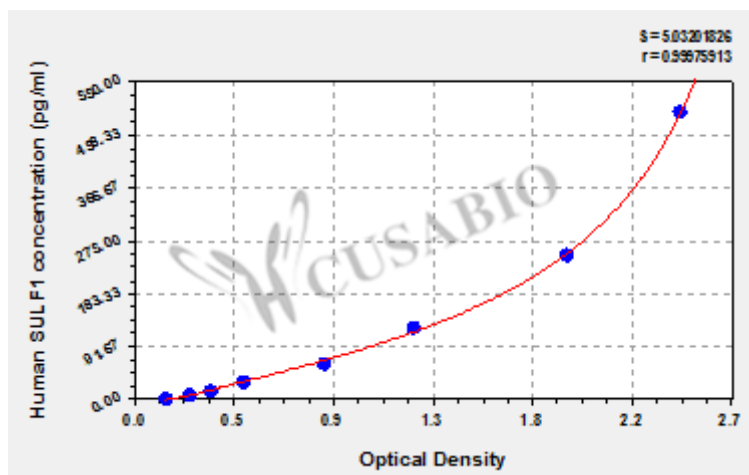
Recovery

The recovery of human SULF1 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)	99	88-104
EDTA plasma (n=4)	97	89-101

Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



pg/ml	OD1	OD2	Average	Corrected
500	2.496	2.411	2.454	2.301
250	1.915	1.968	1.942	1.789
125	1.284	1.237	1.261	1.108
62.5	0.866	0.850	0.858	0.705
31.2	0.494	0.512	0.503	0.350
15.6	0.349	0.365	0.357	0.204
7.8	0.254	0.261	0.258	0.105
0	0.151	0.155	0.153	?

Msds

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