



Human Secreted frizzled-related protein 3(FRZB) ELISA kit

Product Code	CSB-EL009008HU
Abbreviation	FRZB
Protein Biological Process 1	Developmental Protein
Target Name	frizzled-related protein
Uniprot No.	Q92765
Alias	FRE, FRITZ, FRP-3, FRZB-1, FRZB-PEN, FRZB1, FZRB, OS1, SFRP3, SRFP3, hFIZ, frizzled homolog-related
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Protein Biological Process 3	Differentiation
Sample Types	serum, plasma, tissue homogenates
Detection Range	0.47 ng/mL-30 ng/mL
Sensitivity	0.117 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	Signal Transduction
Gene Names	FRZB
Tag Info	quantitative
Protein Description	Sandwich
Description	This Human FRZB ELISA Kit was designed for the quantitative measurement of Human FRZB protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 0.47 ng/mL-30 ng/mL and the sensitivity is 0.117 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 FRZB 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 %	91
1:1	Range %	85-95
	Average %	88
1:2	Range %	81-92
	Average %	95
1:4	Range %	87-99
	Average %	104
1:8	Range %	97-108

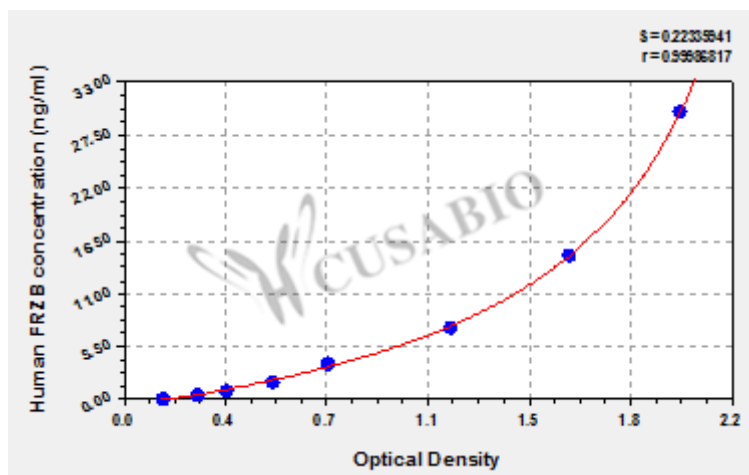
Recovery

The recovery of human FRZB 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)	91	84-95
EDTA plasma (n=4)	93	87-98

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

30	2.059	1.988	2.024	1.868
15	1.666	1.578	1.622	1.466
7.5	1.175	1.208	1.192	1.036
3.75	0.766	0.734	0.750	0.594
1.87	0.559	0.545	0.552	0.396
0.94	0.393	0.381	0.387	0.231
0.47	0.282	0.276	0.279	0.123
0	0.159	0.153	0.156	?

Msds

{"0":{"fileurl":"https://www.cusabio.com/uploadfile/msds/MSDS CSB-EL009008HU.pdf","filename":"MSDS"}}}