



Human Resistin-like Molecule β (RELM- β) ELISA Kit

Product Code	CSB-E13852h
Abbreviation	RETNLB
Target Name	resistin like beta
Uniprot No.	Q9BQ08
Alias	FIZZ1, FIZZ2, HXCP2, RELM-beta, RELMb, RELMbeta, XCP2, C/EBP-epsilon regulated myeloid-specific secreted cysteine-rich protein precursor 2 colon and small intestine-specific cysteine-rich protein cy
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma, cell culture supernates
Detection Range	47 pg/mL-3000 pg/mL
Sensitivity	11.7 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	Signal Transduction
Gene Names	RETNLB
Tag Info	quantitative
Protein Description	Sandwich
Description	This Human RETNLB ELISA Kit was designed for the quantitative measurement of Human RETNLB protein in serum, plasma, cell culture supernates. It is a Sandwich ELISA kit, its detection range is 47 pg/mL-3000 pg/mL and the sensitivity is 11.7 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 RELM- β 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 %	85
	Range %	80-90
1:2	Average %	96
	Range %	92-100
1:4	Average %	90
	Range %	85-94
1:8	Average %	92
	Range %	88-96

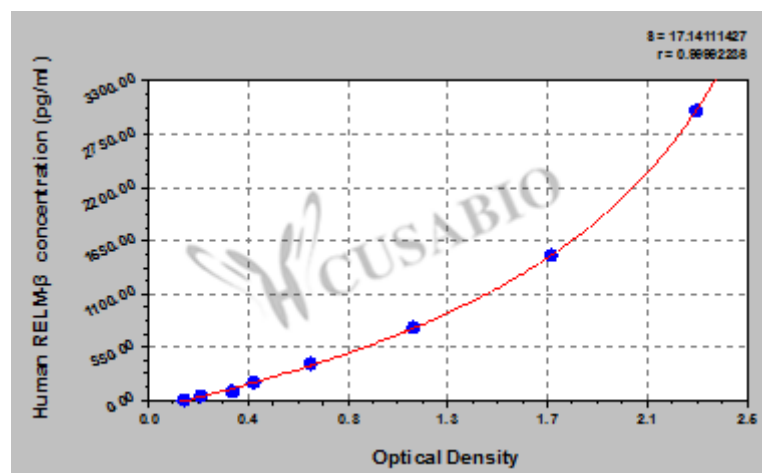
Recovery

The recovery of human RELM- β 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)	101	95-106
EDTA plasma (n=4)	95	90-100

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
3000	2.210	2.349	2.280	2.121
1500	1.647	1.713	1.680	1.521
750	1.129	1.092	1.111	0.952
375	0.701	0.674	0.688	0.529
187.5	0.438	0.457	0.448	0.289
94	0.352	0.369	0.361	0.202
47	0.224	0.235	0.230	0.071
0	0.156	0.162	0.159	?

Msds

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