



Mouse Macrophage Inflammatory Protein 1 β ,MIP-1 β ELISA kit

Product Code	CSB-E04665m
Protein Biological Process 2	chemokine
Abbreviation	CCL4
Protein Biological Process 1	Immunity
Target Name	chemokine (C-C motif) ligand 4
Uniprot No.	P14097
Alias	ACT2, AT744.1, G-26, LAG1, MGC104418, MGC126025, MGC126026, MIP-1-beta, MIP1B, MIP1B1, SCYA2, SCYA4, CC chemokine ligand 4 chemokine C-C motif ligand 4 lymphocyte-activation gene 1 secreted protein Macrophage Inflammatory Protein 1 β ,MIP-1 β Macrophage Inflammatory Protein 1 beata,MIP-1-beta
Product Type	ELISA Kit
Immunogen Species	Mus musculus (Mouse)
Protein Biological Process 3	Chemotaxis
Sample Types	serum, plasma, tissue homogenates
Detection Range	12.5 pg/mL-800 pg/mL
Sensitivity	3.12 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	Immunology
Gene Names	Ccl4
Tag Info	quantitative
Protein Description	Sandwich

Description

This Mouse CCL4 ELISA Kit was designed for the quantitative measurement of Mouse CCL4 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 12.5 pg/mL-800 pg/mL and the sensitivity is 3.12 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 EPHB1 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 %	?	102	?
?	?	Range %	?	98-106	?	
1:2	?	Average %	?	85	?	
?	?	Range %	?	80-90	?	
1:4	?	Average %	?	100	?	
?	?	Range %	?	97-103	?	
1:8	?	Average %	?	86	?	
?	?	Range %	?	83-89	?	

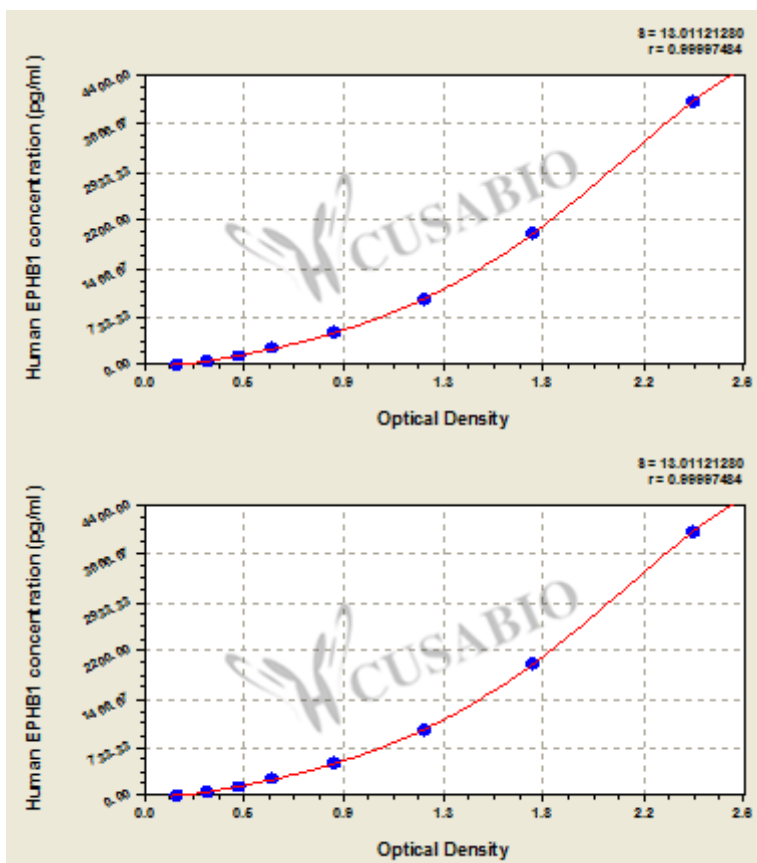
Recovery

The recovery of human EPHB1 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	?	95-103	?
EDTA plasma (n=4)	?	87	?	83-90	?

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 ?	
4000	2.409	2.433	2.421	2.262	?
2000	1.778	1.659	1.719	1.560	?
1000	1.216	1.268	1.242	1.083	?
500	0.861	0.835	0.848	0.689	?
250	0.616	0.535	0.576	0.417	?
125	0.432	0.435	0.434	0.275	?
62.5	0.296	0.289	0.293	0.134	?
0	0.159	0.158	0.159	?	?

Msds

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