



Mouse soluble Triggering Receptor Expresses on Myeloid Cells-1,sTREM-1 ELISA Kit

Product Code	CSB-E13848m
Abbreviation	TREM1
Target Name	triggering receptor expressed on myeloid cells 1
Uniprot No.	Q9JKE2
Alias	TREM-1, triggering-receptor TREM1
Product Type	ELISA Kit
Immunogen Species	Mus musculus (Mouse)
Sample Types	serum, plasma, tissue homogenates
Detection Range	15.6 pg/mL-1000 pg/mL
Sensitivity	3.9 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	Trem1
Tag Info	quantitative
Protein Description	Sandwich

Description

This Mouse TREM1 ELISA Kit was designed for the quantitative measurement of Mouse TREM1 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 15.6 pg/mL-1000 pg/mL and the sensitivity is 3.9 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 mouse sTREM-1 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 %	86-99
1:2	Average %	98
	Range %	90-102
1:4	Average %	92
	Range %	85-96
1:8	Average %	98
	Range %	92-101

Recovery

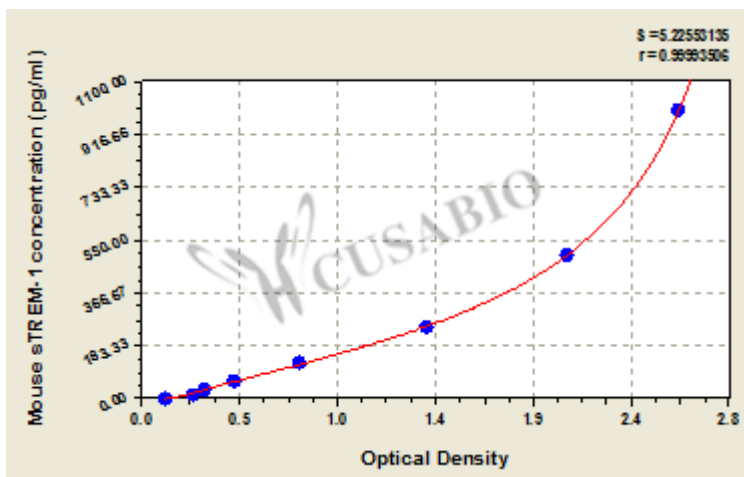
The recovery of mouse sTREM-1 spiked to levels throughout the range of the assay in various matrices was evaluated. Samples were diluted prior to assay as directed in the Sample Preparation section.

Sample Type	Average % Recovery	Range
Serum (n=5)	90	84-94
EDTA plasma (n=4)	100	91-105

Sample Type Average % Recovery Range

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
1000	2.657	2.542	2.600	2.470
500	2.038	2.089	2.064	1.934
250	1.363	1.414	1.389	1.259
125	0.756	0.788	0.772	0.642
62.5	0.463	0.454	0.459	0.329
31.3	0.321	0.313	0.317	0.187
15.6	0.256	0.266	0.261	0.131
0	0.132	0.128	0.130	

Msds

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