



Mouse Tumor necrosis factor β , TNF- β ELISA KIT

Product Code	CSB-E04744m		
Abbreviation	LTA		
Target Name	lymphotoxin alpha (TNF superfamily, member 1)		
Uniprot No.	P09225		
Alias	DAMA-25N12.13, LT, TNFB, TNFSF1, OTTHUMP00000165897 lymphotoxin alpha tumor necrosis factor beta		
Product Type	ELISA Kit		
Immunogen Species	Mus musculus (Mouse)		
Sample Types	serum, plasma, tissue homogenates		
Detection Range	18.75 pg/mL-1200 pg/mL		
Sensitivity	4.7 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	Immunology		
Gene Names	Lta		
Tag Info	quantitative		
Protein Description	Sandwich		
Description	This Mouse LTA ELISA Kit was designed for the quantitative measurement of Mouse LTA protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 18.75 pg/mL-1200 pg/mL and the sensitivity is 4.7 pg/mL.		
Product Precision	<p>Intra-assay Precision (Precision within an assay): CV%<8%</p> <p>Three samples of known concentration were tested twenty times on one plate to assess.</p> <p>Inter-assay Precision (Precision between assays): CV%<10%</p> <p>Three samples of known concentration were tested in twenty assays to assess.</p>		
Linearity	<p>To assess the linearity of the assay, samples were spiked with high concentrations of mouse TNF-β in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.</p> <table> <tr> <td>Sample</td><td>Serum(n=4)</td></tr> </table>	Sample	Serum(n=4)
Sample	Serum(n=4)		



1:1	Average %	94
	Range %	90-100
1:2	Average %	105
	Range %	100-110
1:4	Average %	92
	Range %	88-100
1:8	Average %	84
	Range %	80-88

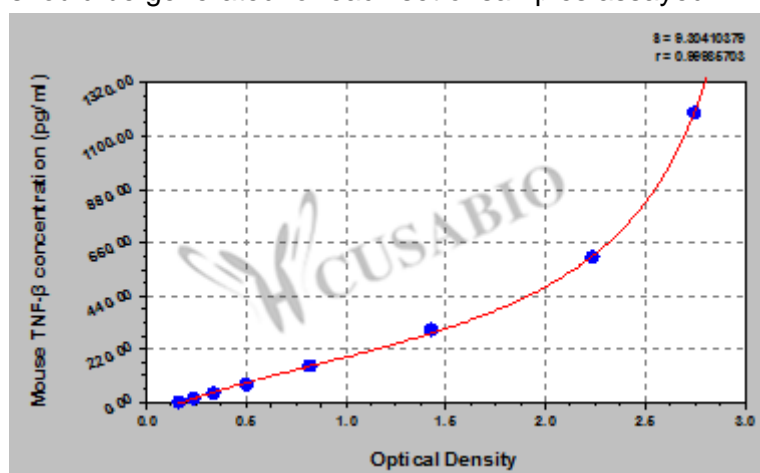
Recovery

The recovery of mouse TNF- 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)	95	89-99
EDTA plasma (n=4)	90	85-95

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
1200	2.674	2.752	2.713	2.534
600	2.254	2.176	2.215	2.036
300	1.435	1.404	1.420	1.241
150	0.805	0.839	0.822	0.643
75	0.498	0.524	0.511	0.332
37.5	0.356	0.338	0.347	0.168
18.75	0.254	0.239	0.247	0.068
0	0.175	0.182	0.179	

Msds

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