



Rat Tumor necrosis factor β , TNF- β ELISA KIT

Product Code	CSB-E07379r			
Abbreviation	TNF-β			
Target Name	Tumor necrosis factor β,TNF-β			
Uniprot No.	Q06332			
Alias	tumor necrosis factor beta, TNF-beta			
Product Type	ELISA Kit			
Immunogen Species	Rattus norvegicus (Rat)			
Sample Types	serum, plasma, tissue homogenates			
Detection Range	7.8 pg/mL-500 pg/mL			
Sensitivity	1.95 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	<p>This Rat TNF-β ELISA Kit was designed for the quantitative measurement of Rat TNF-β protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 7.8 pg/mL-500 pg/mL and the sensitivity is 1.95 pg/mL.</p>			
Product Precision	<p>Intra-assay Precision (Precision within an assay): CV%<8% Three samples of known concentration were tested twenty times on one plate to assess.</p> <p>Inter-assay Precision (Precision between assays): CV%<10% 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 rat 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>?</td><td>Sample</td><td>Serum(n=4)</td></tr></table>	?	Sample	Serum(n=4)
?	Sample	Serum(n=4)		



1:1	Average %	101
	Range %	96-105
1:2	Average %	102
	Range %	97-107
1:4	Average %	87
	Range %	83-94
1:8	Average %	96
	Range %	91-102

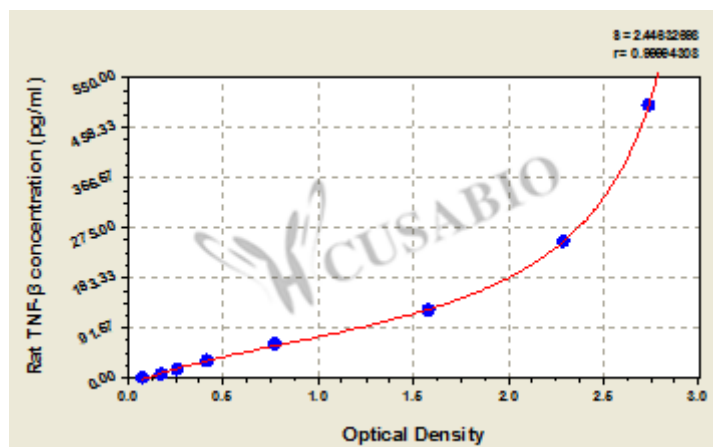
Recovery

The recovery of rat 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)	104	99-108
EDTA plasma (n=4)	88	84-93

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
500	2.632	2.765	2.699	2.614
250	2.212	2.302	2.257	2.172
125	1.545	1.577	1.561	1.476
62.5	0.765	0.771	0.768	0.683
31.2	0.411	0.423	0.417	0.332
15.6	0.257	0.264	0.261	0.176
7.8	0.176	0.185	0.181	0.096
0	0.084	0.085	0.085	?

Msds

{"0":{"fileurl":"https://www.cusabio.com/uploadfile/msds/MSDS CSB-E07379r.pdf","filename":"MSDS"}}