



Mouse tumor necrosis factor α (TNF- α) antibody ELISA Kit

Product Code	CSB-EQ023955MO
Abbreviation	TNF- α Ab
Target Name	Tumor necrosis factor α (TNF- α) antibody
Alias	antibody for DADB-70P7.1, DIF, TNF-alpha, TNFA, TNFSF2, APC1 protein TNF superfamily, member 2 TNF, macrophage-derived TNF, monocyte-derived cachectin tumor necrosis factor alpha
Product Type	ELISA kit
Immunogen Species	Mus musculus (Mouse)
Sample Types	serum, plasma
Detection Range	0.156 ng/mL-10 ng/mL
Sensitivity	0.039 ng/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
Tag Info	quantitative
Protein Description	Sandwich
Description	This Mouse TNF- α Ab ELISA Kit was designed for the quantitative measurement of Mouse TNF- α Ab protein in serum, plasma. It is a Sandwich ELISA kit, its detection range is 0.156 ng/mL-10 ng/mL and the sensitivity is 0.039 ng/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 TNF- α antibody 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 %	80-92
1:2	Average %	97
	Range %	90-105
1:4	Average %	87-96
	Range %	82-96
1:8	Average %	93
	Range %	88-100

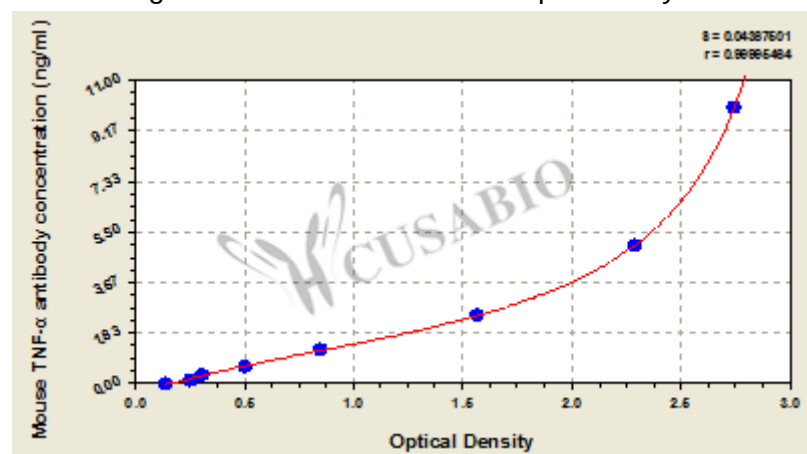
Recovery

The recovery of mouse TNF- α antibody 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	85-94
EDTA plasma (n=4)	92	87-96

Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



ng/ml	OD1	OD2	Average	Corrected
10	2.713	2.752	2.733	2.580
5	2.212	2.349	2.281	2.128
2.5	1.514	1.623	1.569	1.416
1.25	0.849	0.864	0.857	0.704
0.625	0.502	0.525	0.514	0.361
0.312	0.313	0.316	0.315	0.162
0.156	0.257	0.270	0.264	0.111
0	0.148	0.157	0.153	?

Msds

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