Mouse Tumor necrosis factor soluble receptor ?,TNFsR-? ELISA KIT

Product Code	CSB-E04739m
Abbreviation	TNFRSF1B
Protein Biological Process 1	Tumor marker
Target Name	tumor necrosis factor receptor superfamily, member 1B
Uniprot No.	P25119
Alias	CD120b, TBPII, TNF-R-II, TNF-R75, TNFBR, TNFR1B, TNFR2, TNFR80, p75, p75TNFR, p75 TNF receptor|soluble TNFR1B variant 1|tumor necrosis factor beta receptor|tumor necrosis factor binding protein 2|TNFsR-2
Product Type	ELISA Kit
Immunogen Species	Mus musculus (Mouse)
Sample Types	serum, plasma, tissue homogenates
Detection Range	7.8125 pg/mL-500 pg/mL
Sensitivity	1.6 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	Signal Transduction
Gene Names	Tnfrsf1b
Tag Info	quantitative
Protein Description	Sandwich
Description	This Mouse TNFRSF1B ELISA Kit was designed for the quantitative measurement of Mouse TNFRSF1B protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 7.8125 pg/mL-500 pg/mL and the sensitivity is 1.6 pg/mL.
Target Details	This protein is a member of the TNF-receptor superfamily. This protein and TNF-receptor 1 form a heterocomplex that mediates the recruitment of two anti-apoptotic proteins, c-IAP1 and c-IAP2, which possess E3 ubiquitin ligase activity. The function of IAPs in TNF-receptor signalling is unknown, however, c-IAP1 is thought to potentiate TNF-induced apoptosis by the ubiquitination and degradation of TNF-receptor-associated factor 2, which mediates anti-apoptotic

signals. Knockout studies in mice also suggest a role of this protein in protecting neurons from apoptosis by stimulating antioxidative pathways.

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 TNFsR-? 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)
1:20	Average %	91
	Range %	86-95
1:40	Average %	97
	Range %	92-102
1:80	Average %	90
	Range %	87-98
1:160	Average %	92
	Range %	85-96

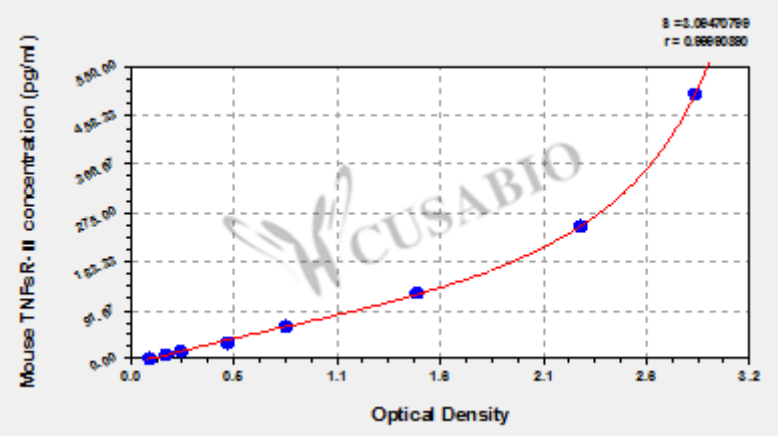
Recovery

The recovery of mouse TNFsR-? 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)	93	89-97
EDTA plasma (n=4)	98	95-101

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	2.858	2.911	2.885	2.777
250	2.360	2.250	2.305	2.197
125	1.485	1.455	1.470	1.362
62.5	0.785	0.812	0.799	0.691
31.25	0.482	0.521	0.502	0.394
15.625	0.270	0.263	0.267	0.159
7.8125	0.189	0.187	0.188	0.080
0	0.104	0.112	0.108	?

Msds

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