



Mouse Interferon α 1, IFN- α 1 ELISA Kit

Product Code	CSB-E08638m			
Abbreviation	Ifna1			
Target Name	Interferon α1,IFN-α1			
Uniprot No.	P01572			
Alias	IFN-alpha 1?interferon alpha 1			
Product Type	ELISA Kit			
Immunogen Species	Mus musculus (Mouse)			
Sample Types	serum, plasma, tissue homogenates			
Detection Range	3.12 pg/mL-200 pg/mL			
Sensitivity	0.78 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	Ifna1			
Tag Info	quantitative			
Protein Description	Sandwich			
Description	This Mouse Ifna1 ELISA Kit was designed for the quantitative measurement of Mouse Ifna1 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 3.12 pg/mL-200 pg/mL and the sensitivity is 0.78 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 IFN-α1 in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay. <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 %	96
	Range %	90-102
1:2	Average %	90
	Range %	82-99
1:4	Average %	101
	Range %	83-107
1:8	Average %	98
	Range %	93-105

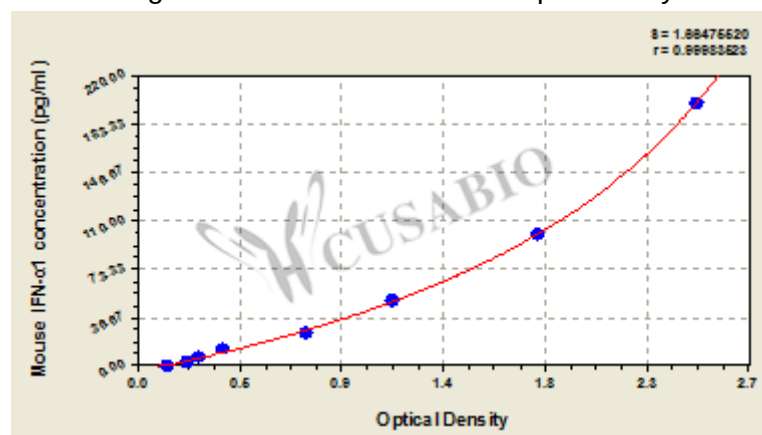
Recovery

The recovery of mouse IFN- α 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	85-95
EDTA plasma (n=4)	102	93-109

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
200	2.493	2.489	2.491	2.353
100	1.770	1.799	1.785	1.647
50	1.164	1.122	1.143	1.005
25	0.745	0.768	0.757	0.619
12.5	0.382	0.397	0.390	0.252
6.25	0.273	0.293	0.283	0.145
3.12	0.220	0.232	0.226	0.088
0	0.137	0.139	0.138	?

Msds

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