



Mouse Interleukin-17F(IL17F) ELISA kit

Product Code	CSB-EL011601MO																
Abbreviation	IL17F																
Uniprot No.	Q7TNI7																
Product Type	ELISA Kit																
Immunogen Species	Mus musculus (Mouse)																
Sample Types	serum, plasma, tissue homogenates																
Detection Range	31.25 pg/mL-2000 pg/mL																
Sensitivity	7.81 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	Il17f																
Tag Info	quantitative																
Protein Description	Sandwich																
Description	This Mouse IL17F ELISA Kit was designed for the quantitative measurement of Mouse IL17F protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 31.25 pg/mL-2000 pg/mL and the sensitivity is 7.81 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 IL17F 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> <tr> <td>1:1</td><td>Average %</td><td>98</td></tr> <tr> <td></td><td>Range %</td><td>91-103</td></tr> <tr> <td>1:2</td><td>Average %</td><td>91</td></tr> <tr> <td></td><td>Range %</td><td>83-95</td></tr> </table>		?	Sample	Serum(n=4)	1:1	Average %	98		Range %	91-103	1:2	Average %	91		Range %	83-95
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1:1	Average %	98															
	Range %	91-103															
1:2	Average %	91															
	Range %	83-95															



1:4	Average %	94
	Range %	86-98
1:8	Average %	95
	Range %	90-100

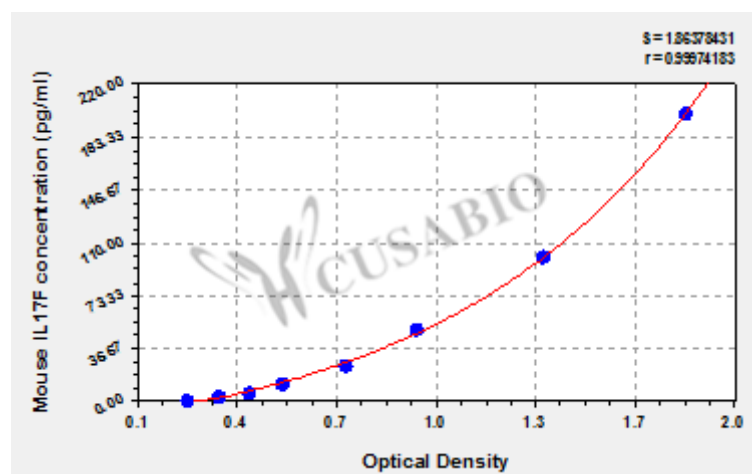
Recovery

The recovery of mouse IL17F 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)	97	94-101
EDTA plasma (n=4)	101	90-106

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	1.796	1.829	1.813	1.597
100	1.346	1.368	1.357	1.141
50	0.930	0.976	0.953	0.737
25	0.712	0.734	0.723	0.507
12.5	0.515	0.527	0.521	0.305
6.25	0.407	0.423	0.415	0.199
3.12	0.311	0.319	0.315	0.099
0	0.218	0.214	0.216	?

Msds

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