



Mouse pro interleukin 1 beta (pro-IL1B) ELISA Kit

Product Code	CSB-ET011614MO														
Abbreviation	pro-IL1B														
Target Name	pro interleukin 1 beta (pro-IL1B)														
Product Type	ELISA Kit														
Immunogen Species	Mus musculus (Mouse)														
Sample Types	serum, plasma, cell culture supernates, tissue homogenates														
Detection Range	6.25 pg/mL-400 pg/mL														
Sensitivity	1.56 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														
Tag Info	quantitative														
Protein Description	Sandwich														
Description	This Mouse pro-IL1B ELISA Kit was designed for the quantitative measurement of Mouse pro-IL1B protein in serum, plasma, cell culture supernates, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 6.25 pg/mL-400 pg/mL and the sensitivity is 1.56 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 pro-IL1B 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 rowspan="2">1:1</td><td>Average %</td><td>106</td></tr> <tr> <td>Range %</td><td>101-113</td></tr> <tr> <td rowspan="2">1:2</td><td>Average %</td><td>87</td></tr> <tr> <td>Range %</td><td>82-91</td></tr> </table>		?	Sample	Serum(n=4)	1:1	Average %	106	Range %	101-113	1:2	Average %	87	Range %	82-91
?	Sample	Serum(n=4)													
1:1	Average %	106													
	Range %	101-113													
1:2	Average %	87													
	Range %	82-91													



1:4	Average %	94
	Range %	90-99
1:8	Average %	85
	Range %	80-90

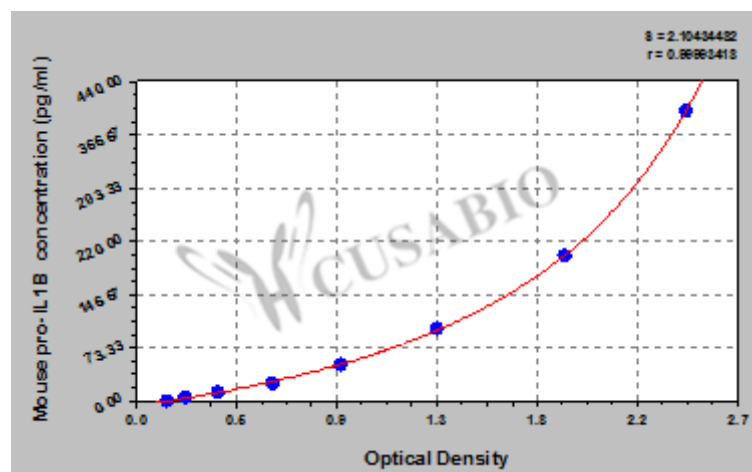
Recovery

The recovery of mouse pro-IL1B 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)	96	91-100
EDTA plasma (n=4)	91	85-97

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
400	2.496	2.362	2.429	2.282
200	1.951	1.841	1.896	1.749
100	1.349	1.319	1.334	1.187
50	0.935	0.885	0.910	0.763
25	0.603	0.627	0.615	0.468
12.5	0.367	0.374	0.371	0.224
6.25	0.228	0.236	0.232	0.085
0	0.144	0.150	0.147	?

Msds

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