



Mouse Pro-Nerve growth factor (proNGF) ELISA kit

Product Code	CSB-EQ027721MO																								
Abbreviation	proNGF																								
Target Name	Pro-Nerve growth factor (proNGF)																								
Product Type	ELISA Kit																								
Immunogen Species	Mus musculus (Mouse)																								
Sample Types	serum, plasma, tissue homogenates																								
Detection Range	23.5 pg/mL-1500 pg/mL																								
Sensitivity	5.8 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	Others																								
Tag Info	quantitative																								
Protein Description	Sandwich																								
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 proNGF 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>95</td></tr> <tr> <td>Range %</td><td>91-99</td></tr> <tr> <td rowspan="2">1:2</td><td>Average %</td><td>102</td></tr> <tr> <td>Range %</td><td>97-106</td></tr> <tr> <td rowspan="2">1:4</td><td>Average %</td><td>85</td></tr> <tr> <td>Range %</td><td>81-89</td></tr> <tr> <td rowspan="2">1:8</td><td>Average %</td><td>94</td></tr> <tr> <td>Range %</td><td>90-98</td></tr> </table>		?	Sample	Serum(n=4)	1:1	Average %	95	Range %	91-99	1:2	Average %	102	Range %	97-106	1:4	Average %	85	Range %	81-89	1:8	Average %	94	Range %	90-98
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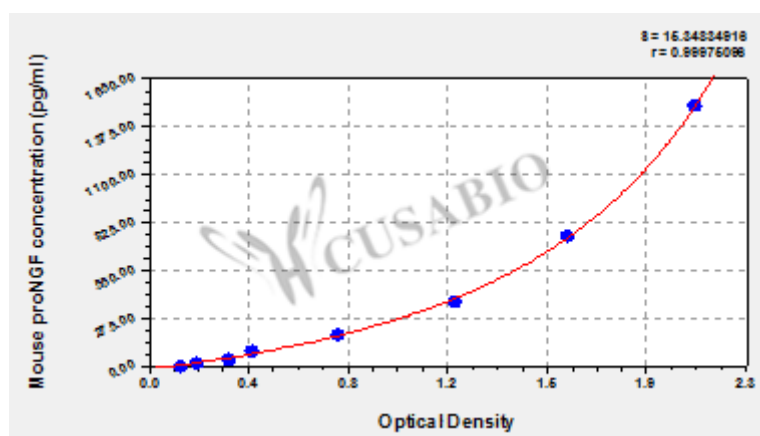
Recovery

The recovery of mouse proNGF 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)	102	97-106
EDTA plasma (n=4)	89	84-96

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
1500	2.060	2.130	2.095	1.963
750	1.614	1.604	1.609	1.477
375	1.151	1.201	1.176	1.044
187.5	0.725	0.738	0.732	0.600
94	0.407	0.399	0.403	0.271
47	0.316	0.316	0.316	0.184
23.5	0.198	0.196	0.197	0.065
0	0.130	0.134	0.132	?

Msds

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