



Rat myelin basic protein(MBP) antibody ELISA Kit

Product Code	CSB-E17399r																
Abbreviation	MBP Ab																
Target Name	myelin basic protein(MBP) antibody																
Product Type	ELISA Kit																
Immunogen Species	Rattus norvegicus (Rat)																
Sample Types	serum, plasma																
Detection Range	0.312 ng/mL-20 ng/mL																
Sensitivity	0.078 ng/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	Neuroscience																
Tag Info	quantitative																
Protein Description	Sandwich																
Description	This Rat MBP Ab ELISA Kit was designed for the quantitative measurement of Rat MBP Ab protein in serum, plasma. It is a Sandwich ELISA kit, its detection range is 0.312 ng/mL-20 ng/mL and the sensitivity is 0.078 ng/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 rat MBP antibody 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>90</td></tr> <tr> <td></td><td>Range %</td><td>85-97</td></tr> <tr> <td>1:2</td><td>Average %</td><td>95</td></tr> <tr> <td></td><td>Range %</td><td>89-99</td></tr> </table>		?	Sample	Serum(n=4)	1:1	Average %	90		Range %	85-97	1:2	Average %	95		Range %	89-99
?	Sample	Serum(n=4)															
1:1	Average %	90															
	Range %	85-97															
1:2	Average %	95															
	Range %	89-99															



1:4	Average %	90
	Range %	81-97
1:8	Average %	95
	Range %	91-100

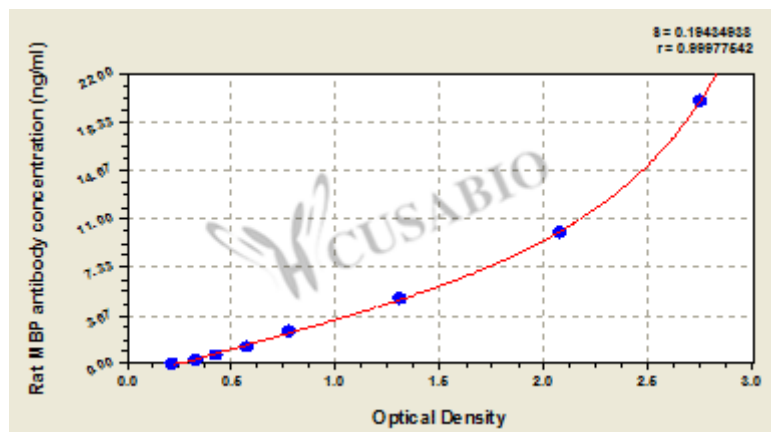
Recovery

The recovery of rat MBP antibody 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)	95	89-102
EDTA plasma (n=4)	95	90-100

Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



ng/ml	OD1	OD2	Average	Corrected
20	2.786	2.763	2.775	2.538
10	2.105	2.099	2.102	1.865
5	1.346	1.318	1.332	1.095
2.5	0.805	0.794	0.800	0.563
1.25	0.601	0.595	0.598	0.361
0.625	0.452	0.449	0.451	0.214
0.312	0.353	0.356	0.355	0.118
0	0.235	0.239	0.237	?

Msds

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