



Mouse Laminin, LN ELISA kit

Product Code	CSB-E04645m																			
Abbreviation	LN																			
Target Name	Laminin, LN																			
Alias	N/A																			
Product Type	ELISA Kit																			
Immunogen Species	Mus musculus (Mouse)																			
Sample Types	serum, plasma, cell culture supernates, tissue homogenates																			
Detection Range	1.56 ng/mL-100 ng/mL																			
Sensitivity	0.39 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	Signal Transduction																			
Tag Info	quantitative																			
Protein Description	Sandwich																			
Description	This Mouse Laminin (LN) ELISA Kit was designed for the quantitative measurement of Mouse Laminin (LN) protein in serum, plasma, cell culture supernates, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 1.56 ng/mL-100 ng/mL and the sensitivity is 0.39 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 mouse LN in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay. <table> <thead> <tr> <th></th><th>Sample</th><th>Serum(n=4)</th></tr> </thead> <tbody> <tr> <td rowspan="2">1:1</td><td>Average %</td><td>99</td></tr> <tr> <td>Range %</td><td>94-102</td></tr> <tr> <td rowspan="2">1:2</td><td>Average %</td><td>87</td></tr> <tr> <td>Range %</td><td>84-90</td></tr> <tr> <td rowspan="2">1:4</td><td>Average %</td><td>91</td></tr> <tr> <td>Range %</td><td>88-96</td></tr> </tbody> </table>			Sample	Serum(n=4)	1:1	Average %	99	Range %	94-102	1:2	Average %	87	Range %	84-90	1:4	Average %	91	Range %	88-96
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1:8	Average %	101
	Range %	97-105

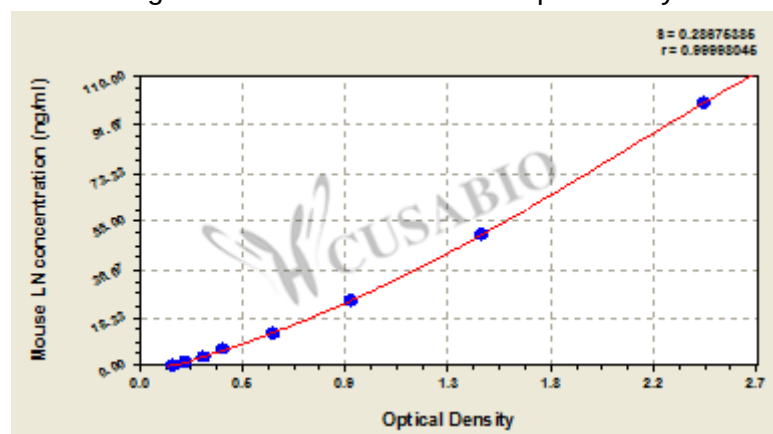
Recovery

The recovery of mouse LN 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)	94	90-98
EDTA plasma (n=4)	98	94-102

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
100	2.407	2.469	2.438	2.281
50	1.472	1.502	1.487	1.330
25	0.909	0.935	0.922	0.765
12.5	0.597	0.578	0.588	0.431
6.25	0.364	0.378	0.371	0.214
3.12	0.274	0.298	0.286	0.129
1.56	0.209	0.211	0.210	0.053
0	0.158	0.156	0.157	

Msds

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