



guinea pig matrix metalloproteinase 9,MMP-9

ELISA Kit

Product Code	CSB-E06765Gu																
Abbreviation	MMP-9																
Target Name	pig matrix metalloproteinase 9,MMP-9																
Uniprot No.	H0VAD9																
Product Type	ELISA Kit																
Immunogen Species	Cavia porcellus (Guinea pig)																
Sample Types	serum, plasma, tissue homogenates																
Detection Range	3.12 ng/mL-200 ng/ mL																
Sensitivity	0.78 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	Cancer																
Gene Names	MMP9																
Tag Info	quantitative																
Protein Description	Sandwich																
Product Precision	<p>Intra-assay Precision (Precision within an assay): CV%<8% Three samples of known concentration were tested twenty times on one plate to assess.</p> <p>Inter-assay Precision (Precision between assays): CV%<10% Three samples of known concentration were tested in twenty assays to assess.</p>																
Linearity	<p>To assess the linearity of the assay, samples were spiked with high concentrations of guinea pig MMP-9 in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.</p> <table> <tr> <td>?</td><td>Sample</td><td>Serum(n=4)</td></tr> <tr> <td>1:1</td><td>Average %</td><td>93</td></tr> <tr> <td></td><td>Range %</td><td>88-98</td></tr> <tr> <td>1:2</td><td>Average %</td><td>101</td></tr> <tr> <td></td><td>Range %</td><td>91-104</td></tr> </table>		?	Sample	Serum(n=4)	1:1	Average %	93		Range %	88-98	1:2	Average %	101		Range %	91-104
?	Sample	Serum(n=4)															
1:1	Average %	93															
	Range %	88-98															
1:2	Average %	101															
	Range %	91-104															



1:4	Average %	90
	Range %	85-93
1:8	Average %	98
	Range %	91-102

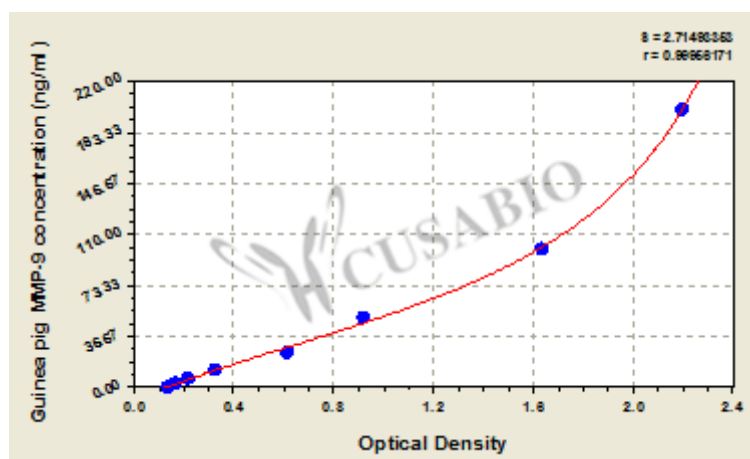
Recovery

The recovery of guinea pig MMP-9 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	87-97
EDTA plasma (n=4)	87	81-92

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
200	2.252	2.188	2.220	2.071
100	1.635	1.676	1.656	1.507
50	0.947	0.931	0.939	0.790
25	0.619	0.639	0.629	0.480
12.5	0.341	0.338	0.340	0.191
6.25	0.236	0.231	0.234	0.085
3.12	0.185	0.179	0.182	0.033
0	0.150	0.148	0.149	?

Msds

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