



Canine Matrix metalloproteinase 2/Gelatinase A, MMP-2 ELISA kit

Product Code	CSB-E14056c											
Abbreviation	MMP2/Gelatinase A											
Target Name	Matrix metalloproteinase 2/Gelatinase A, MMP-2											
Uniprot No.	F1PMK7											
Product Type	ELISA Kit											
Immunogen Species	Canis lupus familiaris (Dog) (Canis familiaris)											
Sample Types	serum, plasma, tissue homogenates											
Detection Range	4.69 ng/mL-300 ng/mL											
Sensitivity	1.17 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											
Tag Info	quantitative											
Protein Description	Sandwich											
Description	<p>This Dog MMP2/Gelatinase A ELISA Kit was designed for the quantitative measurement of Dog MMP2/Gelatinase A protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 4.69 ng/mL-300 ng/mL and the sensitivity is 1.17 ng/mL .</p>											
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 canine MMP-2 in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.</p> <table border="1"> <tr> <td>?</td> <td>Sample</td> <td>Serum(n=4)</td> </tr> <tr> <td>1:1</td> <td>Average %</td> <td>98</td> </tr> <tr> <td></td> <td>Range %</td> <td>94-106</td> </tr> </table>			?	Sample	Serum(n=4)	1:1	Average %	98		Range %	94-106
?	Sample	Serum(n=4)										
1:1	Average %	98										
	Range %	94-106										



1:2	Average %	85
	Range %	80-95
1:4	Average %	95
	Range %	92-100
1:8	Average %	93
	Range %	86-98

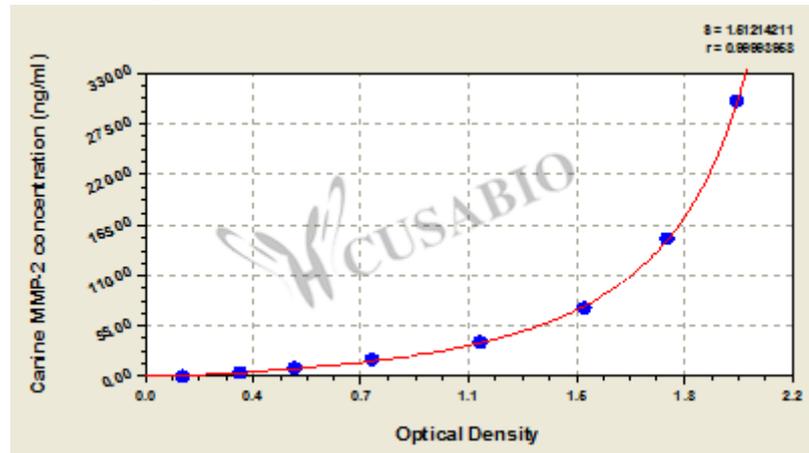
Recovery

The recovery of canine MMP-2 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	90-101
EDTA plasma (n=4)	92	87-98

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
300	2.028	1.952	1.990	1.854
150	1.736	1.776	1.756	1.620
75	1.502	1.452	1.477	1.341
37.5	1.128	1.139	1.134	0.998
18.75	0.757	0.785	0.771	0.635
9.38	0.503	0.524	0.514	0.378
4.69	0.331	0.329	0.330	0.194
0	0.137	0.134	0.136	?

Msds

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