



Pig matrix metalloproteinase 9,MMP-9 ELISA Kit

Product Code	CSB-E06798p
Abbreviation	MMP-9
Target Name	matrix metalloproteinase 9,MMP-9
Uniprot No.	Q2VI03
Product Type	ELISA Kit
Immunogen Species	Sus scrofa (Pig)
Sample Types	serum, plasma, tissue homogenates
Detection Range	0.625 ng/mL-40 ng/mL
Sensitivity	0.156 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

Description

This Pig MMP-9 ELISA Kit was designed for the quantitative measurement of Pig MMP-9 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 0.625 ng/mL-40 ng/mL and the sensitivity is 0.156 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 pig MMP-9 in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.

?	Sample	Serum(n=4)
1:1	Average %	96
	Range %	85-106



1:2	Average %	95
	Range %	91-99
1:4	Average %	96
	Range %	88-105
1:8	Average %	95
	Range %	90-102

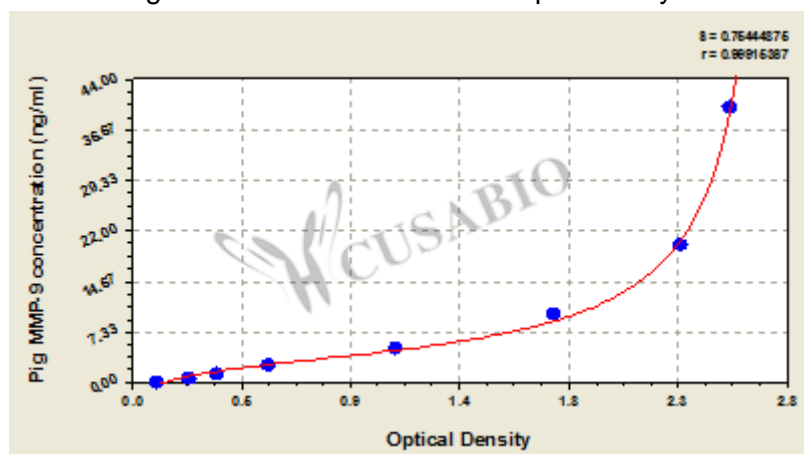
Recovery

The recovery of 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)	96	87-100
EDTA plasma (n=4)	97	93-102

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
40	2.505	2.551	2.528	2.411
20	2.313	2.328	2.321	2.204
10	1.786	1.779	1.783	1.666
5	1.112	1.131	1.122	1.005
2.5	0.574	0.589	0.582	0.465
1.25	0.364	0.374	0.369	0.252
0.625	0.242	0.253	0.248	0.131
0	0.115	0.119	0.117	?

Msds

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