

Mouse Matrix Metalloproteinase 9 (MMP9) ELISA Kit | MMP9 elisa kit

Anti-Matrix Metalloproteinase 9 Antibody (Anti-MMP9) ELISA Kit

CATALOG # AAA189227	REACTIVITY Mouse	APPLICATIONS ELISA
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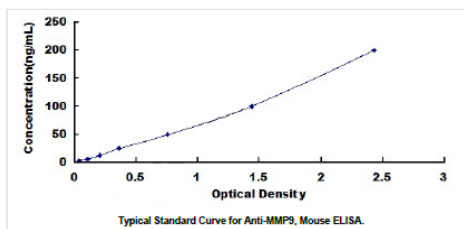
PRODUCT SYNONYMS

Matrix Metalloproteinase 9 (MMP9); Anti-Matrix Metalloproteinase 9 Antibody (Anti-MMP9) ELISA Kit; GELB; Gelatinase B; CLG4B; CLG4-B; 92 KDa Gelatinase; 92kDa Type IV Collagenase; MMP9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Anti-MMP9. No significant cross-reactivity or interference between Anti-MMP9 and analogues was observed.
Samples	Serum, plasma and other biological fluids
Detection Range	3.12-200ng/mL
Sensitivity	< 1.13ng/mL
Applicable Applications for MMP9 elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Anti-MMP9 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Anti-MMP9 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP9 elisa kit	Intended Uses: The kit is an enzyme immunoassay for in vitro quantitative measurement of Anti-MMP9 in mouse serum, plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with MMP9. Standards or samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated secondary antibody. After TMB substrate solution is added, those wells that contain Anti-MMP9 will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Anti-MMP9 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	341940960
NCBI GeneID	17395
UniProt Accession #	P41245; Q06788; Q80XI8; Q9DC02
Molecular Weight	80,535 Da
NCBI Official Full Name	Matrix metalloproteinase-9
NCBI Official Synonym Full Names	matrix metalloproteinase 9
NCBI Official Symbol	Mmp9
NCBI Official Synonym Symbols	Clg4b; MMP-9; B/MMP9; AW743869; pro-MMP-9
NCBI Protein Information	matrix metalloproteinase-9; GELB; Gel B; gelatinase B; 92kD gelatinase; 92kDa gelatinase; 92 kDa gelatinase; collagenase type IVB; 92kD type IV collagenase; 92kDa type IV collagenase; 92 kDa type IV collagenase; matrix metalloproteinase 9
UniProt Protein Name	Matrix metalloproteinase-9
UniProt Gene Name	Mmp9
UniProt Synonym Gene Names	Clg4b; MMP-9; GELB
UniProt Entry Name	MMP9_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/matrix-metalloproteinase-9-mmp9/189227>