

Mouse Matrix metalloproteinase-9 ELISA Kit | Mmp9 elisa kit

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CATALOG #
AAA23296

REACTIVITY
Mouse

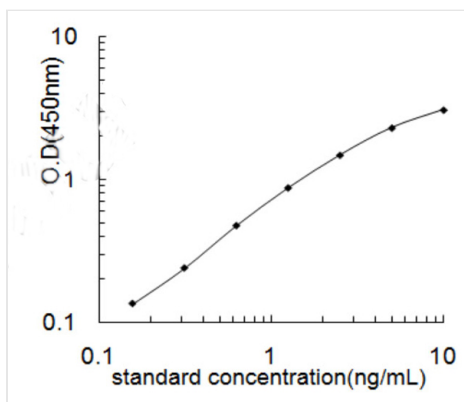
PRODUCT SYNONYMS

Matrix metalloproteinase-9; Mouse Matrix metalloproteinase-9 ELISA Kit; MMP-9; 92 kDa gelatinase; 92 kDa type IV collagenase; Gelatinase B; GELB; Mmp9; Clg4b; 3.4.24.35; Mmp9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Matrix metalloproteinase-9,MMP-9
Sequence Length	730
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	< 0.086 ng/mL
Intra-assay Precision	<=7.5%
Inter-assay Precision	<=9.5%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Mmp9 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7305277
NCBI GeneID	17395
NCBI Accession #	NP_038627.1
NCBI GenBank Nucleotide #	NM_013599.4
UniProt Accession #	P41245; Q06788; Q80XI8; Q9DC02
Molecular Weight	80,535 Da
NCBI Official Full Name	matrix metalloproteinase-9 preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 9
NCBI Official Symbol	Mmp9
NCBI Official Synonym Symbols	Clg4b; Gel B; MMP-9; B/MMP9; AW743869; pro-MMP-9
NCBI Protein Information	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/mmp9-mouse-elisa-kits/matrix-metalloproteinase-9/23296>