

## Dog Matrix metalloproteinase-9 ELISA Kit | MMP9 elisa kit

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CATALOG #  
**AAA23145**

REACTIVITY  
**Dog**

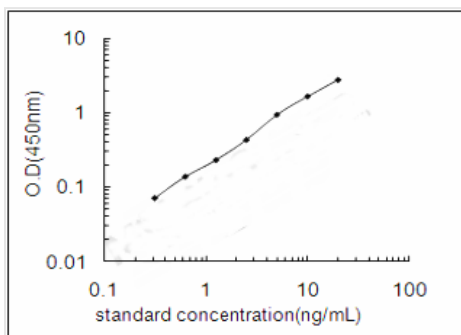
### PRODUCT SYNONYMS

Matrix metalloproteinase-9; Dog Matrix metalloproteinase-9 ELISA Kit; MMP-9; 92 kDa gelatinase; 92 kDa type IV collagenase; Gelatinase B; GELB; MMP9; 3.4.24.35; MMP9 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------|
| Reactivity              | Dog                                                                                   |
| Specificity             | Recombinant and natural Dog Matrix                                                    |
| Sequence Length         | 704                                                                                   |
| Samples                 | Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids |
| Detection Range         | 0.312-20 ng/mL                                                                        |
| Intra-assay Precision   | Intra-Assay CV: <=3.9%                                                                |
| Inter-assay Precision   | Inter-Assay CV: <=7.4%                                                                |
| 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

**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.

**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.

NCBI AND UNIPROT INFORMATION

|                            |                            |
|----------------------------|----------------------------|
| NCBI GI #                  | 14917012                   |
| NCBI GeneID                | 403885                     |
| UniProt Accession #        | O18733; O19130             |
| Molecular Weight           | 78,123 Da                  |
| NCBI Official Full Name    | Matrix metalloproteinase-9 |
| NCBI Official Symbol       | MMP9                       |
| NCBI Protein Information   | matrix metalloproteinase-9 |
| UniProt Protein Name       | Matrix metalloproteinase-9 |
| UniProt Gene Name          | MMP9                       |
| UniProt Synonym Gene Names | MMP-9; GELB                |
| UniProt Entry Name         | MMP9_CANLF                 |

**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-dog-elisa-kits/matrix-metalloproteinase-9/23145>