

## Rat Matrix metalloproteinase-9 ELISA Kit | Mmp9 elisa kit

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CATALOG #  
**AAA310002**

REACTIVITY  
**Rat**

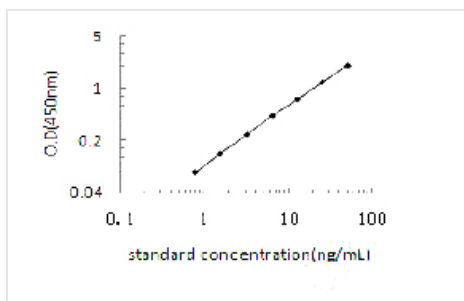
### PRODUCT SYNONYMS

Matrix metalloproteinase-9; Rat 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              | Rat                                                                                                                   |
| Specificity             | This assay recognizes recombinant and natural rat GOAT. No significant cross-reactivity or interference was observed. |
| Samples                 | Serum, Plasma, Tissue Homogenates And Cell Culture Supernates And Other Biological Fluids                             |
| Detection Range         | 0.15 ng/mL-10.0 ng/mL.                                                                                                |
| Preparation and Storage | Store at 4 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 rat ghrelin o-acyltransferase, GOAT concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

**Principle of the Assay:** The microtiter plate provided in this kit has been pre-coated with an antibody specific to GOAT. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for GOAT and 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 GOAT, 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 GOAT in the samples is then determined by comparing the O.D. of the samples to the standard curve.

### NCBI AND UNIPROT INFORMATION

NCBI GI #

[13591993](#)

|                                  |                            |
|----------------------------------|----------------------------|
| NCBI GeneID                      | 81687                      |
| NCBI Accession #                 | NP_112317.1                |
| NCBI GenBank Nucleotide #        | NM_031055.1                |
| UniProt Accession #              | P50282                     |
| Molecular Weight                 | 78,611 Da                  |
| NCBI Official Full Name          | matrix metalloproteinase-9 |
| NCBI Official Synonym Full Names | matrix metalloproteinase 9 |
| NCBI Official Symbol             | Mmp9                       |
| NCBI Protein Information         | matrix metalloproteinase-9 |
| UniProt Protein Name             | Matrix metalloproteinase-9 |
| UniProt Gene Name                | <b>Mmp9</b>                |
| UniProt Synonym Gene Names       | MMP-9; GELB                |

**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-rat-elisa-kits/matrix-metalloproteinase-9/310002>