

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

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CATALOG #  
**AAA310003**

REACTIVITY  
**Human**

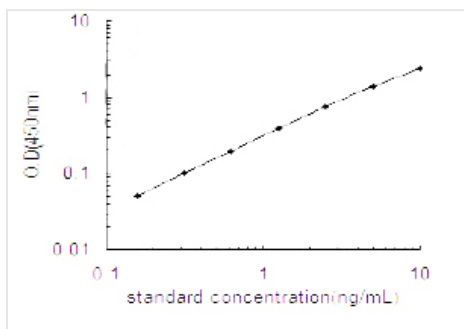
### PRODUCT SYNONYMS

Matrix metalloproteinase-9; Human 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              | Human                                                                                                                    |
| Specificity             | This assay recognizes recombinant and natural human K2C6A. No significant cross-reactivity or interference was observed. |
| Samples                 | Serum, Plasma, Tissue Homogenates And Cell Culture Supernates And Other Biological Fluids                                |
| Detection Range         | 31.2 pg/mL-2000 pg/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 human keratin, type ii cytoskeletal 6a,K2C6A 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 K2C6A. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for K2C6A 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 K2C6A, 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 K2C6A in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 74272287                                                       |
| NCBI GeneID                      | 4318                                                           |
| NCBI Accession #                 | NP_004985.2                                                    |
| NCBI GenBank Nucleotide #        | NM_004994.2                                                    |
| UniProt Accession #              | P14780; Q3LR70; Q8N725; Q9H4Z1; Q9UCJ9; Q9UCL1; Q9UDK2; B2R7V9 |
| Molecular Weight                 | 78,458 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    | GELB; CLG4B; MMP-9; MANDP2                                     |
| NCBI Protein Information         | matrix metalloproteinase-9                                     |
| UniProt Protein Name             | Matrix metalloproteinase-9                                     |
| UniProt Gene Name                | <b>MMP9</b>                                                    |
| UniProt Synonym Gene Names       | CLG4B; 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/mmp9-human-elisa-kits/matrix-metalloproteinase-9/310003>