

## Human matrix metalloproteinase 17, MMP-17 ELISA Kit | MMP-17 elisa kit

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CATALOG #  
**AAA44460**

REACTIVITY  
**Human**

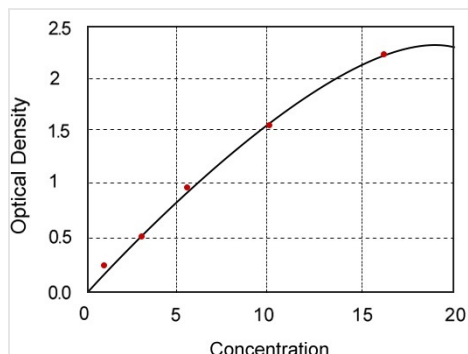
### PRODUCT SYNONYMS

matrix metalloproteinase 17; MMP-17; Human matrix metalloproteinase 17; MMP-17 ELISA Kit; MMP-17 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Human                                                                    |
| Sequence Length         | 603                                                                      |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 0.2ng/ml - 70ng/ml                                                       |
| Sensitivity             | 0.099ng/ml                                                               |
| Intra-Assay             | CV<8%                                                                    |
| Inter-Assay             | CV<10%                                                                   |
| Preparation and Storage | Store at 2 to 8 degree C for 6 months.                                   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for MMP-17 elisa kit

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of human Matrix Metalloproteinase 17 (also known as MMP-17) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

**Principles of the Assay:** This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human MMP-17 antibody. MMP-17 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human MMP-17 Antibody is added and binds to MMP-17 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MMP-17 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human MMP-17. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

|                                  |                                                   |
|----------------------------------|---------------------------------------------------|
| NCBI GI #                        | 112382270                                         |
| NCBI GeneID                      | 4326                                              |
| NCBI Accession #                 | NP_057239.4                                       |
| NCBI GenBank Nucleotide #        | NM_016155.6                                       |
| UniProt Accession #              | Q9ULZ9; Q14850                                    |
| Molecular Weight                 | 57,938 Da                                         |
| NCBI Official Full Name          | matrix metalloproteinase-17 preproprotein         |
| NCBI Official Synonym Full Names | matrix metalloproteinase 17                       |
| NCBI Official Symbol             | MMP17                                             |
| NCBI Official Synonym Symbols    | MMP-17; MT4MMP; MTMMP4; MT4-MMP                   |
| NCBI Protein Information         | matrix metalloproteinase-17                       |
| UniProt Protein Name             | Matrix metalloproteinase-17                       |
| UniProt Gene Name                | MMP17                                             |
| UniProt Synonym Gene Names       | MT4MMP; MMP-17; MT-MMP 4; MTMMP4; MT4-MMP; MT4MMP |

**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://www.aaabiotech.com/human-elisa-kits/matrix-metalloproteinase-17-mmp-17/44460>