

## Human matrix metalloproteinase 20 ELISA Kit | MMP20 elisa kit

Human Matrix metalloproteinase-20, MMP20 ELISA Kit

CATALOG #  
**AAA112581**

REACTIVITY  
**Human**

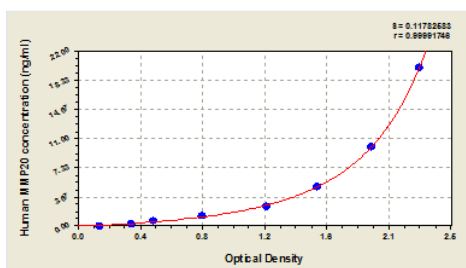
### PRODUCT SYNONYMS

matrix metalloproteinase 20; Human Matrix metalloproteinase-20; MMP20 ELISA Kit; Human Matrix metalloproteinase-20 (MMP20) ELISA kit; AI2A2; MMP-20; enamel metalloproteinase; matrix metalloproteinase 20; matrix metalloproteinase 20 (enamelysin) ; MMP20 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                     |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Human MMP20. No significant cross-reactivity or interference between Human MMP20 and analogues was observed.                                                                                                                                   |
| Sequence Length         | 483                                                                                                                                                                                                                                                                                                                       |
| Samples                 | Serum, plasma, tissue homogenates, Cell lysates                                                                                                                                                                                                                                                                           |
| Detection Range         | 0.312 ng/ml-20 ng/ml                                                                                                                                                                                                                                                                                                      |
| Sensitivity             | 0.078 ng/ml                                                                                                                                                                                                                                                                                                               |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): CV% is less than 8%<br>Three samples of known concentration were tested twenty times on one plate to assess.<br>Inter-assay Precision (Precision between assays): CV% is less than 10%<br>Three samples of known concentration were tested in twenty assays to assess. |
| Detection Wavelength    | 450 nm                                                                                                                                                                                                                                                                                                                    |
| Sample Volume           | 50-100ul                                                                                                                                                                                                                                                                                                                  |
| Preparation and Storage | Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.                                                                                                                                                                                         |

### IMAGES



Standard Curve (Sample)

### NCBI AND UNIPROT INFORMATION

|                  |             |
|------------------|-------------|
| NCBI GI #        | 45359865    |
| NCBI GeneID      | 9313        |
| NCBI Accession # | NP_004762.2 |

|                                  |                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------|
| NCBI GenBank Nucleotide #        | NM_004771.3                                                                                     |
| UniProt Accession #              | O60882; Q6DKT9                                                                                  |
| Molecular Weight                 | 54,387 Da                                                                                       |
| NCBI Official Full Name          | matrix metalloproteinase-20 preproprotein                                                       |
| NCBI Official Synonym Full Names | matrix metalloproteinase 20                                                                     |
| NCBI Official Symbol             | MMP20                                                                                           |
| NCBI Official Synonym Symbols    | AI2A2; MMP-20                                                                                   |
| NCBI Protein Information         | matrix metalloproteinase-20; enamel metalloproteinase; matrix metalloproteinase 20 (enamelysin) |
| UniProt Protein Name             | Matrix metalloproteinase-20                                                                     |
| UniProt Gene Name                | <b>MMP20</b>                                                                                    |
| UniProt Synonym Gene Names       | MMP-20                                                                                          |
| UniProt Entry Name               | MMP20_HUMAN                                                                                     |

**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/mmp20-human-elisa-kits/matrix-metalloproteinase-20/112581>