

## Mouse Macrophage metalloelastase (MMP12) ELISA Kit | MMP12 elisa kit

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CATALOG #  
**AAA121466**

REACTIVITY  
**Mouse**

### PRODUCT SYNONYMS

Macrophage metalloelastase (MMP12); Mouse Macrophage metalloelastase (MMP12) ELISA Kit; MMP12 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                    |
| Sequence Length         | 470                                                                      |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 0.2ng/ml - 60ng/ml                                                       |
| Sensitivity             | 0.095ng/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 MMP12 elisa kit

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of Mouse Macrophage Metalloelastase (also known as MMP12) 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 Mouse MMP12 antibody. MMP12 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse MMP12 Antibody is added and binds to MMP12 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MMP12 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 Mouse MMP12. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

|                                  |                                          |
|----------------------------------|------------------------------------------|
| NCBI GI #                        | 73858572                                 |
| NCBI GeneID                      | 4321                                     |
| NCBI Accession #                 | NP_002417.2                              |
| NCBI GenBank Nucleotide #        | NM_002426.5                              |
| UniProt Accession #              | P39900; Q2M1L9; B2R9X8; B7ZLF6           |
| Molecular Weight                 | 54,002 Da                                |
| NCBI Official Full Name          | macrophage metalloelastase preproprotein |
| NCBI Official Synonym Full Names | matrix metalloproteinase 12              |
| NCBI Official Symbol             | MMP12                                    |
| NCBI Official Synonym Symbols    | ME; HME; MME; MMP-12                     |
| NCBI Protein Information         | macrophage metalloelastase               |
| UniProt Protein Name             | Macrophage metalloelastase               |
| UniProt Gene Name                | <b>MMP12</b>                             |
| UniProt Synonym Gene Names       | HME; MME; ME; hME; MMP-12                |

**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/mouse-elisa-kits/macrophage-metalloelastase-mmp12/121466>