

## Mouse Neprilysin (MME) ELISA Kit | MME elisa kit

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CATALOG #  
**AAA246449**

REACTIVITY  
**Mouse**

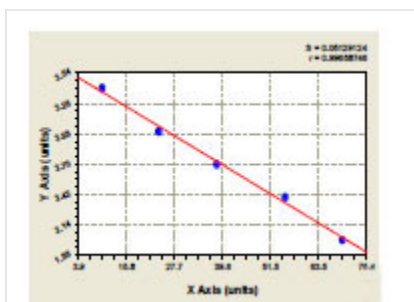
### PRODUCT SYNONYMS

Neprilysin (MME); Mouse Neprilysin (MME) ELISA Kit; MME elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                      |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate |
| Assay Type              | Quantitative Competitive                                                   |
| Sensitivity             | 1.0 pg/mL                                                                  |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                        |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for MME elisa kit

**Intended Uses:** This MME ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse MME.

**Principle of the Assay:** MME ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-MME antibody and an MME-HRP conjugate. The assay sample and buffer are incubated together with MME-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the MME concentration since MME from samples and MME-HRP conjugate compete for the anti-MME antibody binding site. Since the number of sites is limited, as more sites are occupied by MME from the sample, fewer sites are left to bind MME-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MME concentration in each sample is interpolated from this standard curve.

#### Product Categories/Family for MME elisa kit

Neuroscience

NCBI AND UNIPROT INFORMATION

|                               |                |
|-------------------------------|----------------|
| NCBI GI #                     | 386782299      |
| NCBI GeneID                   | 707667         |
| NCBI Accession #              | NP_001247743.1 |
| NCBI GenBank Nucleotide #     | NM_001260814.1 |
| NCBI Official Full Name       | neprilysin     |
| NCBI Official Symbol          | MME            |
| NCBI Official Synonym Symbols | neprilysin     |
| NCBI Protein Information      | neprilysin     |

**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/neprilysin-mme/246449>