

## Mouse MT3 (Metallothionein 3) ELISA Kit | MT3 elisa kit

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CATALOG #  
**AAA278446**

REACTIVITY  
**Mouse**

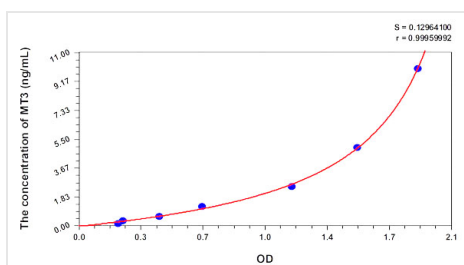
### PRODUCT SYNONYMS

MT3 (Metallothionein 3); Mouse MT3 (Metallothionein 3) ELISA Kit; GIF; GIFB; GRIF; Growth Inhibitory Factor; Neurotrophic; MT3 elisa kit

### PRODUCT SPECIFICATIONS

|                 |                                                                |
|-----------------|----------------------------------------------------------------|
| Reactivity      | Mouse                                                          |
| Assay Type      | Sandwich                                                       |
| Samples         | Serum, plasma, tissue homogenates and other biological fluids. |
| Detection Range | 3.13-200ng/mL                                                  |
| Sensitivity     | 1.21ng/mL                                                      |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for MT3 elisa kit

**Test Principle:** The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mouse MT3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse MT3. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Mouse MT3, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Mouse MT3 in the samples is then determined by comparing the OD of the samples to the standard curve.

#### Product Categories/Family for MT3 elisa kit

[Tumor immunity](#); [Developmental science](#)

### NCBI AND UNIPROT INFORMATION

|                  |             |
|------------------|-------------|
| NCBI GI #        | 7305287     |
| NCBI GeneID      | 17751       |
| NCBI Accession # | NP_038631.1 |

|                                  |                                                                               |
|----------------------------------|-------------------------------------------------------------------------------|
| NCBI GenBank Nucleotide #        | <a href="#">NM_013603.2</a>                                                   |
| UniProt Accession #              | <a href="#">P28184</a>                                                        |
| Molecular Weight                 | 7,009 Da                                                                      |
| NCBI Official Full Name          | metallothionein-3                                                             |
| NCBI Official Synonym Full Names | metallothionein 3                                                             |
| NCBI Official Symbol             | Mt3                                                                           |
| NCBI Official Synonym Symbols    | Mt-3                                                                          |
| NCBI Protein Information         | metallothionein-3; GIF; MT-III; metallothionein-III; growth inhibitory factor |
| UniProt Protein Name             | Metallothionein-3                                                             |
| UniProt Gene Name                | <b>Mt3</b>                                                                    |
| UniProt Synonym Gene Names       | MT-3; GIF; MT-III                                                             |
| UniProt Entry Name               | MT3_MOUSE                                                                     |

**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/mt3-metallothionein-3/278446>