

## Human MT1 (Metallothionein 1) ELISA Kit | MT1 elisa kit

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CATALOG #  
**AAA278167**

REACTIVITY  
**Human**

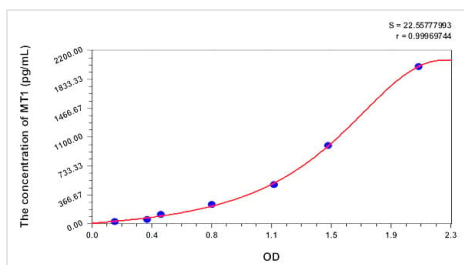
### PRODUCT SYNONYMS

MT1 (Metallothionein 1); Human MT1 (Metallothionein 1) ELISA Kit; MT1A; MT1S; MTC; MT1 elisa kit

### PRODUCT SPECIFICATIONS

|                 |                                                               |
|-----------------|---------------------------------------------------------------|
| Reactivity      | Human                                                         |
| Assay Type      | Sandwich                                                      |
| Samples         | Serum, plasma, tissue homogenates and other biological fluids |
| Detection Range | 3.13-200ng/mL                                                 |
| Sensitivity     | 1.12ng/mL                                                     |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for MT1 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 Human MT1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human MT1. 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 Human MT1, 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 Human MT1 in the samples is then determined by comparing the OD of the samples to the standard curve.

#### Product Categories/Family for MT1 elisa kit

Signal transduction; Tumor immunity

**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.