

## Rat divalent metal transporter 1 (DMT1) ELISA Kit | DMT1 elisa kit

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CATALOG #  
**AAA122565**

REACTIVITY  
**Rat**

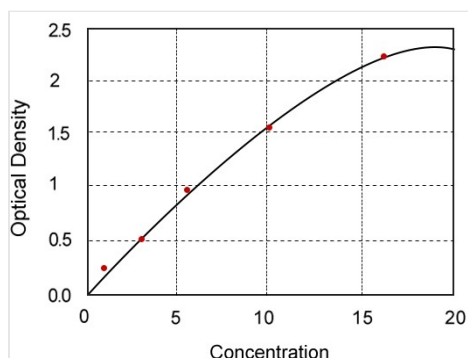
### PRODUCT SYNONYMS

divalent metal transporter 1 (DMT1); Rat divalent metal transporter 1 (DMT1) ELISA Kit; DMT1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Rat                                                                      |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 0.05ng/ml - 20ng/ml                                                      |
| Sensitivity             | 0.019ng/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 DMT1 elisa kit

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of Rat Divalent Metal Transporter 1 (also known as DMT1) 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 Rat DMT1 antibody. DMT1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat DMT1 Antibody is added and binds to DMT1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated DMT1 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 Rat DMT1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

**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/rat-elisa-kits/divalent-metal-transporter-1-dmt1/122565>