

## Rat Divalent Metal Transporter 1 (DMT1) ELISA Kit | DMT1 elisa kit

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CATALOG #  
**AAA64727**

REACTIVITY  
**Rat**

### PRODUCT SYNONYMS

Divalent Metal Transporter 1 (DMT1); Rat Divalent Metal Transporter 1 (DMT1) ELISA Kit; DMT1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rat                                                                                                                                                                                                        |
| Sequence Length         | 592                                                                                                                                                                                                        |
| Samples                 | Tissue homogenates, cell lysates and other biological fluids.                                                                                                                                              |
| Assay Type              | Sandwich                                                                                                                                                                                                   |
| Detection Range         | 0.312-20ng/mL                                                                                                                                                                                              |
| Sensitivity             | 0.119ng/mL                                                                                                                                                                                                 |
| Intra Assay             | CV<10%                                                                                                                                                                                                     |
| Inter Assay             | CV<12%                                                                                                                                                                                                     |
| Preparation and Storage | For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C. |

### NCBI AND UNIPROT INFORMATION

|                                  |                                                    |
|----------------------------------|----------------------------------------------------|
| NCBI GI #                        | <a href="#">399220350</a>                          |
| NCBI GeneID                      | <a href="#">25715</a>                              |
| NCBI Accession #                 | <a href="#">NP_037305.2</a>                        |
| NCBI GenBank Nucleotide #        | <a href="#">NM_013173.2</a>                        |
| UniProt Accession #              | <a href="#">O54902</a> ; <a href="#">O35172</a>    |
| Molecular Weight                 | 61,310 Da                                          |
| NCBI Official Full Name          | natural resistance-associated macrophage protein 2 |
| NCBI Official Synonym Full Names | solute carrier family 11 member 2                  |
| NCBI Official Symbol             | Slc11a2                                            |
| NCBI Official Synonym Symbols    | Dmt1; Nramp2                                       |
| NCBI Protein Information         | natural resistance-associated macrophage protein 2 |
| UniProt Protein Name             | Natural resistance-associated macrophage protein 2 |
| UniProt Gene Name                | <b>Slc11a2</b>                                     |
| UniProt Synonym Gene Names       | Dct1; Dmt1; Nramp2; NRAMP 2; DMT-1                 |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://www.aaabiotech.com/rat-elisa-kits/divalent-metal-transporter-1-dmt1/64727>