

Rat MT1 (Metallothionein 1) ELISA Kit | MT1 elisa kit

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CATALOG #
AAA278496

REACTIVITY
Rat

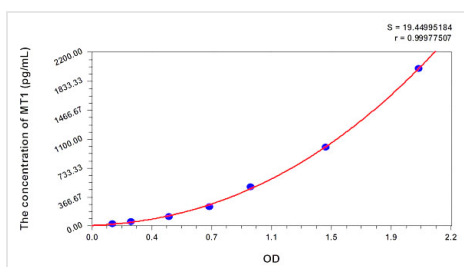
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
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 Rat MT1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat 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 Rat 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 Rat 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](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	20301948
NCBI GeneID	24567
NCBI Accession #	NP_620181.1

NCBI GenBank Nucleotide #	NM_138826.4
UniProt Accession #	P02803
Molecular Weight	6,006 Da
NCBI Official Full Name	metallothionein-1
NCBI Official Synonym Full Names	metallothionein 1a
NCBI Official Symbol	Mt1a
NCBI Official Synonym Symbols	Mt; Mt1
NCBI Protein Information	metallothionein-1; MT-1; MT-I; metallothionein-I
UniProt Protein Name	Metallothionein-1
UniProt Gene Name	Mt1
UniProt Synonym Gene Names	Mt1a
UniProt Entry Name	MT1_RAT

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/mt1-metallothionein-1/278496>