

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

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CATALOG #
AAA278263

REACTIVITY
Mouse

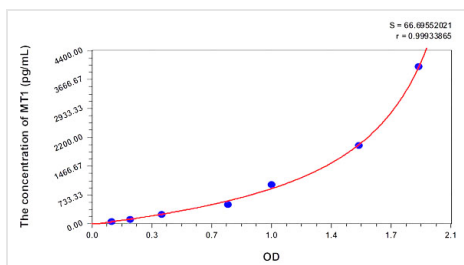
PRODUCT SYNONYMS

MT1 (Metallothionein 1); Mouse MT1 (Metallothionein 1) ELISA Kit; MT1A; MT1S; MTC; MT1 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	1.12ng/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 Mouse MT1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse 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 Mouse 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 Mouse 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 #	7305285
NCBI GeneID	17748
NCBI Accession #	NP_038630.1

NCBI GenBank Nucleotide #	NM_013602.3
UniProt Accession #	P02802 ; Q64485
Molecular Weight	6,018 Da
NCBI Official Full Name	metallothionein-1
NCBI Official Synonym Full Names	metallothionein 1
NCBI Official Symbol	Mt1
NCBI Official Synonym Symbols	MT-I; Mt-1
NCBI Protein Information	metallothionein-1
UniProt Protein Name	Metallothionein-1
UniProt Gene Name	Mt1
UniProt Synonym Gene Names	MT-1; MT-I

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/mt1-metallothionein-1/278263>