

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

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CATALOG # AAA278798	REACTIVITY Zebrafish
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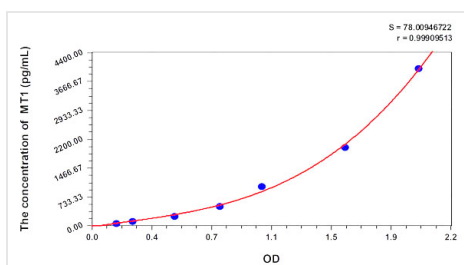
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Zebrafish
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 Zebrafish MT1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Zebrafish 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 Zebrafish 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 Zebrafish 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 #	18858655
NCBI GeneID	30282
NCBI Accession #	NP_571150.1

NCBI GenBank Nucleotide #	NM_131075.1
UniProt Accession #	P52722
Molecular Weight	5,960 Da
NCBI Official Full Name	metallothionein-1
NCBI Official Symbol	mt
NCBI Official Synonym Symbols	mt1
NCBI Protein Information	metallothionein-1; MT-1; metallothionein A
UniProt Protein Name	Metallothionein-1
UniProt Gene Name	mt
UniProt Synonym Gene Names	mt1; MT-1
UniProt Entry Name	MT1_DANRE

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/fish-zebra-zebrafish-elisa-kits/mt1-metallothionein-1/278798>