

Fish Metallothionein, MT ELISA Kit | MT elisa kit

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CATALOG #
AAA43561

REACTIVITY
Fish

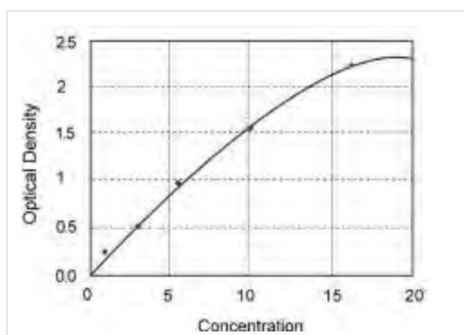
PRODUCT SYNONYMS

Metallothionein; MT; Fish Metallothionein; MT ELISA Kit; MT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Fish
Sequence Length	63
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.1-40ng/ml
Sensitivity	0.053ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 MT elisa kit

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Fish MT antibody. MT present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Fish MT Antibody is added and binds to MT in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MT 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 Fish MT. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

Intended Uses: This sandwich kit is for the accurate quantitative detection of Fish Metallothionein (also known as MT) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	46048711
NCBI GeneID	396212
NCBI Accession #	NP_990606.1
NCBI GenBank Nucleotide #	NM_205275.1
UniProt Accession #	P68497; P09576
Molecular Weight	6,462 Da
NCBI Official Full Name	metallothionein
NCBI Official Synonym Full Names	metallothionein 4-like
NCBI Official Symbol	MT4L
NCBI Official Synonym Symbols	MT4; MT2A
NCBI Protein Information	metallothionein
UniProt Protein Name	Metallothionein
UniProt Gene Name	MT
UniProt Synonym Gene Names	MT

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-elisa-kits/metallothionein-mt/43561>