

Fish metallothionein (MT) ELISA Kit | MT elisa kit

Fish metallothionein, MT ELISA Kit

CATALOG #
AAA18036

REACTIVITY
Fish

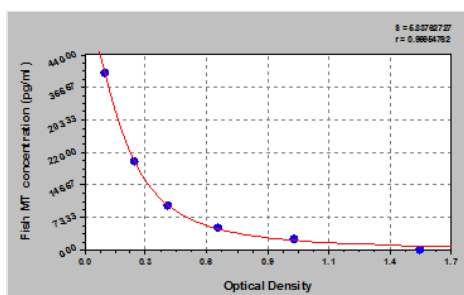
PRODUCT SYNONYMS

metallothionein (MT); Fish metallothionein; MT ELISA Kit; Fish metallothionein (MT) ELISA kit; MT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Fish
Specificity	This assay has high sensitivity and excellent specificity for detection of fish MT. No significant cross-reactivity or interference between fish MT and analogues was observed.
Sequence Length	53
Samples	Serum, plasma
Assay Type	Quantitative Competitive
Detection Range	25 pg/ml-400 pg/ml
Sensitivity	< 12.5 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MT elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to MT. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated MT. The competitive inhibition reaction is launched between with HRP-conjugated MT and MT in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of MT in the sample. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	313471345
NCBI GeneID	923079
UniProt Accession #	P9WK08; P0CI28; Q8VKQ2
Molecular Weight	5,719 Da
NCBI Official Symbol	MT0196
NCBI Protein Information	hypothetical protein
UniProt Protein Name	Metallothionein
UniProt Gene Name	mymT
UniProt Synonym Gene Names	MT0196; MT; Cu(I)-binding metallothionein
UniProt Entry Name	MYMT_MYCTO

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
Online datasheet: <https://stage.aaabiotech.com/fish-elisa-kits/metallothionein-mt/18036>