

Human Metallothionein 2, MT2 ELISA Kit | MT2 elisa kit

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CATALOG #
AAA42628

REACTIVITY
Human

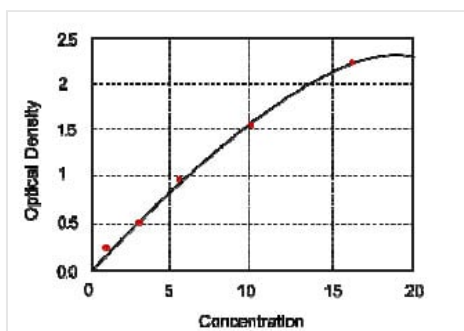
PRODUCT SYNONYMS

Metallothionein 2; MT2; Human Metallothionein 2; MT2 ELISA Kit; MT2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	61
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 70ng/ml
Sensitivity	0.093ng/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 MT2 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Metallothionein 2 (also known as MT-2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human MT-2 antibody. MT-2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human MT-2 Antibody is added and binds to MT-2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MT-2 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 human MT-2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1495466
NCBI GeneID	4502
UniProt Accession #	P02795; Q14823; Q2HXR9; Q53XT9
Molecular Weight	6,042 Da
NCBI Official Full Name	Metallothionein 2
NCBI Official Synonym Full Names	metallothionein 2A
NCBI Official Symbol	MT2A
NCBI Official Synonym Symbols	MT2; MT-2; MT-II
NCBI Protein Information	metallothionein-2
UniProt Protein Name	Metallothionein-2
UniProt Gene Name	MT2A
UniProt Synonym Gene Names	CES1; MT2; MT-2; MT-II

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/human-elisa-kits/metallothionein-2-mt2/42628>