

Human Metallothionein 1 (MT-1) ELISA Kit | MT-1 elisa kit

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CATALOG #
AAA44363

REACTIVITY
Human

PRODUCT SYNONYMS

Metallothionein 1 (MT-1); Human Metallothionein 1 (MT-1) ELISA Kit; MT-1 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	0.5ng/ml - 100ng/ml
Sensitivity	0.24ng/ml
Intra-Assay	CV<8%
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-1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Metallothionein 1 (also known as MT-1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human MT-1 antibody. MT-1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human MT-1 Antibody is added and binds to MT-1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MT-1 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-1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	55741622
NCBI GeneID	403800
NCBI Accession #	NP_001003173.1
NCBI GenBank Nucleotide #	NM_001003173.1
UniProt Accession #	O19000
Molecular Weight	6,031 Da
NCBI Official Full Name	metallothionein-1
NCBI Official Symbol	MT1E
NCBI Official Synonym Symbols	MT1; MT1A; MT1F; MT1X
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/human-elisa-kits/metallothionein-1-mt-1/44363>