

Human MT1M (Metallothionein 1M) CLIA Kit | MT1M clia kit

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CATALOG #
AAA170896

REACTIVITY
Human

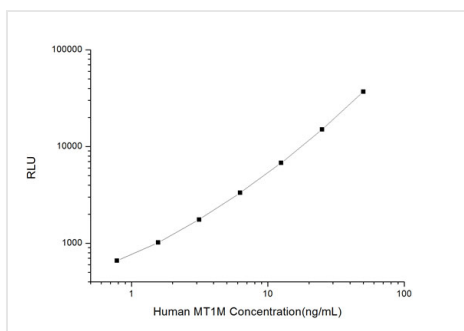
PRODUCT SYNONYMS

MT1M (Metallothionein 1M); Human MT1M (Metallothionein 1M) CLIA Kit; MT1M clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant MT1M. No significant cross-reactivity or interference between MT1M and analogues was observed.
Sequence Length	61
Assay Type	Sandwich
Detection Range	0.781-50ng/mL
Sensitivity	Min: 0.469ng/mL; Max: 50ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MT1M clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of MT1M concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to MT1M. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for MT1M and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain MT1M, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of MT1M. You can calculate the concentration of MT1M in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	28866966
NCBI GeneID	4499
NCBI Accession #	NP_789846.1
NCBI GenBank Nucleotide #	NM_176870.2
Molecular Weight	6,110 Da
NCBI Official Full Name	metallothionein-1M
NCBI Official Synonym Full Names	metallothionein 1M
NCBI Official Symbol	MT1M
NCBI Official Synonym Symbols	MT1; MT1K; MT-1M; MT-IM
NCBI Protein Information	metallothionein-1M
UniProt Protein Name	Metallothionein-1M
UniProt Gene Name	MT1M
UniProt Synonym Gene Names	MT1K; MT-1M; MT-IM
UniProt Entry Name	MT1M_HUMAN

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://www.aaabiotech.com/human-clia-kits/mt1m-metallothionein-1m/170896>