

Human MT1M ELISA Kit | MT1M elisa kit

Human MT1M (Metallothionein 1M) ELISA Kit

CATALOG #
AAA165738

REACTIVITY
Human

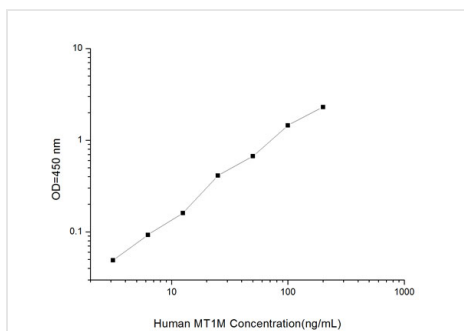
PRODUCT SYNONYMS

MT1M; Human MT1M (Metallothionein 1M) ELISA Kit; MT1M elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human MT1M. No significant cross-reactivity or interference between Human MT1M and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human MT1M and all the analogues, therefore, cross reaction may still exist.
Sequence Length	61
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	3.125-200ng/mL
Sensitivity	Min: 1.875ng/mL; Max: 200ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MT1M elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of MT1M in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human MT1M. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human 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 Human MT1M, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human MT1M. You can calculate the concentration of Human MT1M in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	28866966
NCBI GeneID	4499
NCBI Accession #	NP_789846.1
NCBI GenBank Nucleotide #	NM_176870.2
UniProt Accession #	Q8N339; Q8TDN3
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; metallothionein 1K; metallothionein 1Y
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.