

Human metallothionein 2A ELISA Kit | MT2A elisa kit

Human Metallothionein-2, MT-2 ELISA Kit

CATALOG #
AAA80307

REACTIVITY
Human

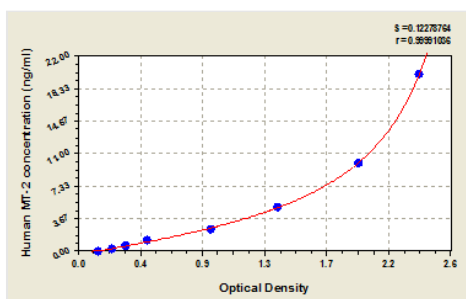
PRODUCT SYNONYMS

metallothionein 2A; Human Metallothionein-2; MT-2 ELISA Kit; Human Metallothionein-2 (MT-2) ELISA Kit; MT2; ; MT2A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human MT-2. No significant cross-reactivity or interference between human MT-2 and analogues was observed.
Sequence Length	61
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	< 0.078 ng/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 MT2A elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MT-2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MT-2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MT-2 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of MT-2 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5174764
NCBI GeneID	4502
NCBI Accession #	NP_005944.1
NCBI GenBank Nucleotide #	NM_005953.3
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
NCBI Protein Information	metallothionein-2; MT-2; MT-II; metallothionein-2A; metallothionein-II
UniProt Protein Name	Metallothionein-2
UniProt Gene Name	MT2A
UniProt Synonym Gene Names	CES1; MT2; MT-2; MT-II
UniProt Entry Name	MT2_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://stage.aaabiotech.com/mt2a-human-elisa-kits/metallothionein-2a/80307>