

Human MT3 (Metallothionein 3) ELISA Kit | MT3 elisa kit

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CATALOG #
AAA278396

REACTIVITY
Human

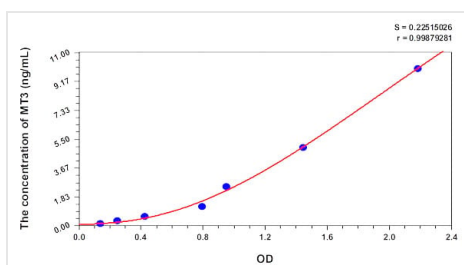
PRODUCT SYNONYMS

MT3 (Metallothionein 3); Human MT3 (Metallothionein 3) ELISA Kit; GIF; GIB; GRIF; Growth Inhibitory Factor; Neurotrophic; MT3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	3.13-200ng/mL
Sensitivity	1.32ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MT3 elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human MT3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human MT3. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human MT3, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Human MT3 in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for MT3 elisa kit

Tumor immunity; Developmental science

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174762
NCBI GeneID	4504
NCBI Accession #	NP_005945.1

NCBI GenBank Nucleotide #	NM_005954.2
UniProt Accession #	P25713; Q2V574
Molecular Weight	6,927 Da
NCBI Official Full Name	metallothionein-3
NCBI Official Synonym Full Names	metallothionein 3
NCBI Official Symbol	MT3
NCBI Official Synonym Symbols	GIF; GIFB; GRIF; ZnMT3
NCBI Protein Information	metallothionein-3; MT-3; MT-III; metallothionein-III; growth inhibitory factor; metallothionein 3 (growth inhibitory factor (neurotrophic))
UniProt Protein Name	Metallothionein-3
UniProt Gene Name	MT3
UniProt Synonym Gene Names	MT-3; GIF; MT-III
UniProt Entry Name	MT3_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/human-elisa-kits/mt3-metallothionein-3/278396>