

Human Metallothionein 3 ELISA Kit | MT3 elisa kit

Human Metallothionein 3 ELISA Kit

CATALOG #
AAA100117

REACTIVITY
Human

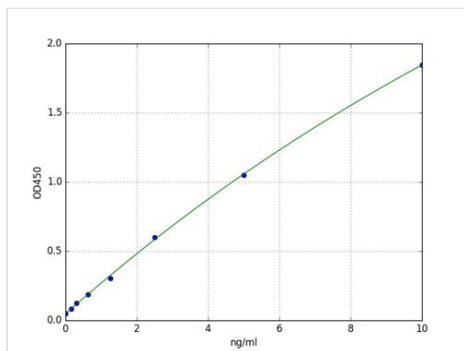
PRODUCT SYNONYMS

Metallothionein 3; Human Metallothionein 3 ELISA Kit; MT3/Metallothionein 3; MT3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	68
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human MT3 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.033	0.185	0.324	0.547	0.895	1.255	1.770	1.878

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MT3 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human MT3 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human MT3 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human MT3 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human MT3 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

15341818

NCBI GeneID	4504
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mt3-human-elisa-kits/metallothionein-3/100117>