

Human Metallothionein 1 ELISA Kit | MT-1 elisa kit

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CATALOG #
AAA247192

REACTIVITY
Human

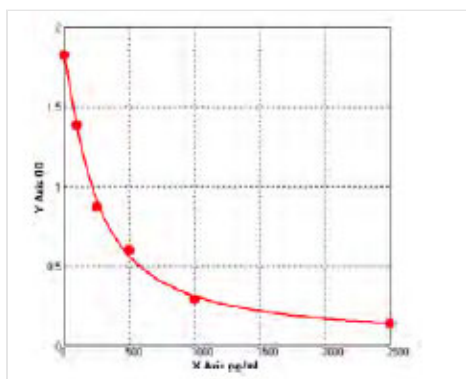
PRODUCT SYNONYMS

Metallothionein 1; Human Metallothionein 1 ELISA Kit; MT-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MT-1 elisa kit

Intended Uses: This MT ND4L ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human MT ND4L. This ELISA kit for research use only!

Principle of the Assay: MT ND4L ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-MT ND4L antibody and an MT ND4L-HRP conjugate. The assay sample and buffer are incubated together with MT ND4L-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the MT ND4L concentration since MT ND4L from samples and MT ND4L-HRP conjugate compete for the anti-MT ND4L antibody binding site. Since the number of sites is limited, as more sites are occupied by MT ND4L from the sample, fewer sites are left to bind MT ND4L-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MT ND4L concentration in each sample is interpolated from this standard curve.

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.

