Human Metallothionein-1L (MT1L) ELISA Kit | MT1L elisa kit

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CATALOG #	REACTIVITY
AAA331672	**Human**

PRODUCT SYNONYMS

Metallothionein-1L (MT1L); Human Metallothionein-1L (MT1L) ELISA Kit; MT1L; MT1; MT1R; MTF; MT1L elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Metallothionein-1L (MT1L) ELISA Kit has high sensitivity and excellent specificity for detection of Human MT1L. No significant cross-reactivity or interference between Human MT1L and analogues was observed.
Sequence Length	61
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)
Fig.1. Human Metallothionein-1L (MT1L) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MT1L elisa kit	Description: This Human Metallothionein-1L (MT1L) ELISA Kit employs a two-site sandwich ELISA to quantitate MT1L in samples. An antibody specific for MT1L has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MT1L present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MT1L is added to the wells. After washing, Streptavidin 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 MT1L bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: MT1L (Metallothionein 1L (Gene/Pseudogene)) is a Protein Coding gene. Metallothioneins have a high content of cysteine residues that bind various heavy metals; these proteins are transcriptionally regulated by both heavy metals and glucocorticoids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2497864
UniProt Accession #	Q93083
NCBI Official Full Name	Metallothionein-1L
UniProt Protein Name	Metallothionein-1L
UniProt Gene Name	**MT1L**
UniProt Synonym Gene Names	MT-1L; MT-IL
UniProt Entry Name	MT1L_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/metallothionein-1l-mt1l/331672