

Dog Metallothionein-1 ELISA Kit | MT1 elisa kit

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CATALOG #
AAA190796

REACTIVITY
Dog

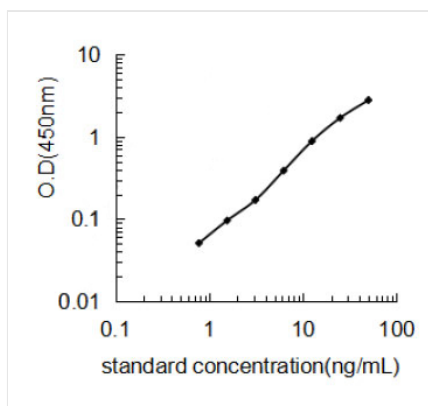
PRODUCT SYNONYMS

Metallothionein-1; Dog Metallothionein-1 ELISA Kit; MT-1; Metallothionein-I; MT-I; MT1; MT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Specificity	Recombinant and natural Dog Metallothionein-1,MT-1
Sequence Length	61
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.78-50 ng/mL
Sensitivity	< 0.34 ng/mL
Intra-assay Precision	<=5.5%
Inter-assay Precision	<=8.2%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MT1 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	55741622
NCBI GeneID	403800
NCBI Accession #	NP_001003173.1
NCBI GenBank Nucleotide #	NM_001003173.1
UniProt Accession #	O19000
Molecular Weight	6,031 Da
NCBI Official Full Name	metallothionein-1
NCBI Official Symbol	MT1E
NCBI Official Synonym Symbols	MT1; MT1A; MT1F; MT1X
NCBI Protein Information	metallothionein-1
UniProt Protein Name	Metallothionein-1
UniProt Gene Name	MT1
UniProt Synonym Gene Names	MT-1; MT-I
UniProt Entry Name	MT1_CANLF

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/mt1-dog-elisa-kits/metallothionein-1/190796>