

Dog Metallothionein-2 ELISA Kit | MT2A elisa kit

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CATALOG #
AAA56309

REACTIVITY
Dog

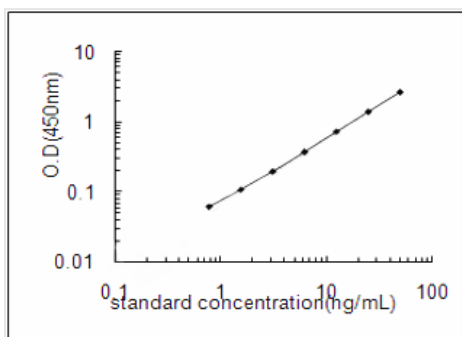
PRODUCT SYNONYMS

Metallothionein-2; Dog Metallothionein-2 ELISA Kit; MT2A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Specificity	This assay recognizes recombinant and natural dog MT-2. No significant cross-reactivity or interference was observed.
Sequence Length	61
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.
Detection Range	0.78 ng/ml -50.0 ng/ml.
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 MT2A elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MT-2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for MT-2 and 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 MT-2, 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 MT-2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	55741500
NCBI GeneID	403768

NCBI Accession #	NP_001003149.1
NCBI GenBank Nucleotide #	NM_001003149.1
UniProt Accession #	Q9XST5
Molecular Weight	6,012 Da
NCBI Official Full Name	metallothionein-2
NCBI Official Symbol	MT2A
NCBI Official Synonym Symbols	MT-2; MT1H; MT-II
NCBI Protein Information	metallothionein-2
UniProt Protein Name	Metallothionein-2
UniProt Gene Name	MT2A
UniProt Synonym Gene Names	MT2; MT-2; MT-II
UniProt Entry Name	MT2_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/mt2a-dog-elisa-kits/metallothionein-2/56309>