

Mouse Metalloproteinase inhibitor 2 ELISA Kit | Timp2 elisa kit

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CATALOG #
AAA192229

REACTIVITY
Mouse

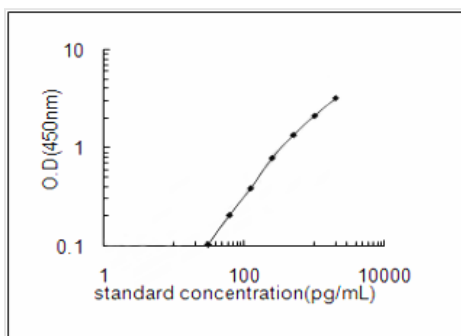
PRODUCT SYNONYMS

Metalloproteinase inhibitor 2; Mouse Metalloproteinase inhibitor 2 ELISA Kit; Tissue inhibitor of metalloproteinases 2; TIMP-2; Timp2; Timp-2; Timp2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Metalloproteinase inhibitor 2. No significant cross-reactivity or interference was observed.
Sequence Length	220
Assay Type	Sandwich
Detection Range	31.2-2000 pg/mL
Sensitivity	15.81 pg/mL
Intra-Assay CV	<=6.8%
Inter-Assay CV	<=8.6%
Recovery	84%
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 Timp2 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse Metalloproteinase inhibitor 2 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Metalloproteinase inhibitor 2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Metalloproteinase inhibitor 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 Metalloproteinase inhibitor 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 Metalloproteinase inhibitor 2 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 #	267133
NCBI GeneID	21858
UniProt Accession #	P25785
Molecular Weight	24,328 Da
NCBI Official Full Name	Metalloproteinase inhibitor 2
NCBI Official Synonym Full Names	tissue inhibitor of metalloproteinase 2
NCBI Official Symbol	Timp2
NCBI Official Synonym Symbols	Timp-2; D11Bwg1104e
NCBI Protein Information	metalloproteinase inhibitor 2
UniProt Protein Name	Metalloproteinase inhibitor 2
UniProt Gene Name	Timp2
UniProt Synonym Gene Names	Timp-2; TIMP-2
UniProt Entry Name	TIMP2_MOUSE

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/timp2-mouse-elisa-kits/metalloproteinase-inhibitor-2/192229>