

Bovine Metalloproteinase inhibitor 2 ELISA Kit | TIMP2 elisa kit

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CATALOG #
AAA193122

REACTIVITY
Bovine

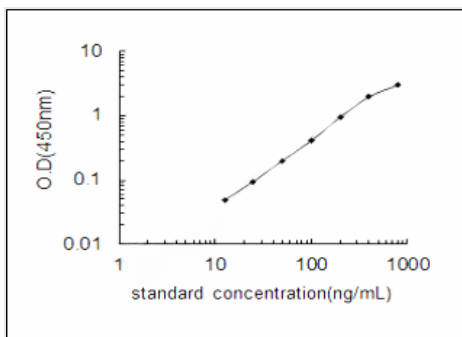
PRODUCT SYNONYMS

Metalloproteinase inhibitor 2; Bovine Metalloproteinase inhibitor 2 ELISA Kit; Collagenase inhibitor; Tissue inhibitor of metalloproteinases 2; TIMP-2; TIMP2; TIMP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay recognizes recombinant and natural bovineMetalloproteinase inhibitor 2. No significant cross-reactivity or interference was observed.
Sequence Length	220
Samples	Serum, Plasma,tissue homogenates and Cell culture supernates and Other biological fluids.
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 ofbovineMetalloproteinase inhibitor 2concentrations 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 forMetalloproteinase 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 $\pm$ 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	75832065
NCBI GeneID	282093
NCBI Accession #	NP_776897.2
NCBI GenBank Nucleotide #	NM_174472.4
UniProt Accession #	P16368; Q3SZU3; Q9TVB1
Molecular Weight	24,355 Da
NCBI Official Full Name	metalloproteinase inhibitor 2
NCBI Official Symbol	TIMP2
NCBI Protein Information	metalloproteinase inhibitor 2
UniProt Protein Name	Metalloproteinase inhibitor 2
UniProt Gene Name	TIMP2
UniProt Synonym Gene Names	TIMP-2
UniProt Entry Name	TIMP2_BOVIN

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-bovine-ovine-elisa-kits/metalloproteinase-inhibitor-2/193122>