

Mouse TIMP2 ELISA Kit | TIMP2 elisa kit

Mouse TIMP2 ELISA Kit

CATALOG # AAA261691	REACTIVITY Mouse	APPLICATIONS ELISA
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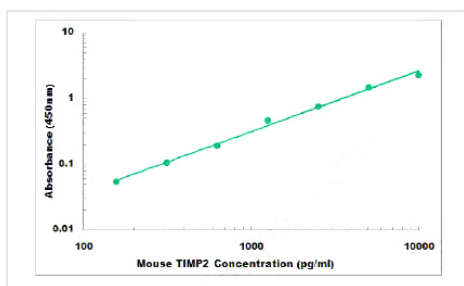
PRODUCT SYNONYMS

TIMP2; Mouse TIMP2 ELISA Kit; Metalloproteinase inhibitor 2; CSC-21K; Tissue inhibitor of metalloproteinases 2; TIMP-2; TIMP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	The Mouse TIMP2 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Mouse TIMP2 proteins within the range of 156 pg/ml - 10000 pg/ml.
Sequence Length	220
Samples	Cell Culture Supernatants, Serum, Plasma.
Sensitivity	10 pg/ml.
Applicable Applications for TIMP2 elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TIMP2 elisa kit	Principle of the Assay The Mouse TIMP2 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Mouse TIMP2 in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Mouse TIMP2 coated on a 96-well plate. Standards and samples are pipetted into the wells and TIMP2 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Mouse TIMP2 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of TIMP2 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background/Introduction: TIMP2 gen is encoded by 5 exons spanning 83 kb of genomic DNA. TIMP2 is 83 kilobase pairs (kb) long with exon-intron splicing sites located in preserved positions among the three members of the TIMP family. The gene for tissue inhibitor of metalloproteinases-2 is localized on human chromosome arm 17q25. TIMP2 abrogates angiogenic factor-induced endothelial cell proliferation in vitro and angiogenesis in vivo independent of MMP inhibition. The standard product used in this kit is recombinant human TIMP2 with the molecular mass of 22Kda and 194 amino acid.
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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://www.aaabiotech.com/mouse-elisa-kits/timp2/261691>