

Human TIMP1 (Tissue Inhibitors Of Metalloproteinase 1) ELISA Kit | TIMP1 elisa kit

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CATALOG #
AAA278079

REACTIVITY
Human

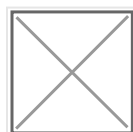
PRODUCT SYNONYMS

TIMP1 (Tissue Inhibitors Of Metalloproteinase 1); Human TIMP1 (Tissue Inhibitors Of Metalloproteinase 1) ELISA Kit; EPO; CLGI; EPA; HCI; Erythroid Potentiating Activity; Collagenase Inhibitor; Metalloproteinase inhibitor 1; Fibroblast collagenase inhibitor; TIMP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.625-40ng/mL
Sensitivity	0.17ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TIMP1 elisa kit	Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human TIMP1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human TIMP1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human TIMP1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Human TIMP1 in the samples is then determined by comparing the OD of the samples to the standard curve.
Product Categories/Family for TIMP1 elisa kit	Tumor immunity ; Infection immunity ; Cardiovascular biology ; Hepatology ; Hormone metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507509
NCBI GeneID	7076
NCBI Accession #	NP_003245.1
NCBI GenBank Nucleotide #	NM_003254.2
UniProt Accession #	P01033 ; Q14252 ; Q9UCU1

Molecular Weight	23,171 Da
NCBI Official Full Name	metalloproteinase inhibitor 1
NCBI Official Synonym Full Names	TIMP metalloproteinase inhibitor 1
NCBI Official Symbol	TIMP1
NCBI Official Synonym Symbols	EPA; EPO; HCI; CLGI; TIMP
NCBI Protein Information	metalloproteinase inhibitor 1; TIMP-1; collagenase inhibitor; erythroid potentiating activity; erythroid-potentiating activity; fibroblast collagenase inhibitor; tissue inhibitor of metalloproteinases 1
UniProt Protein Name	Metalloproteinase inhibitor 1
UniProt Gene Name	TIMP1
UniProt Synonym Gene Names	CLGI; TIMP; EPA; Collagenase inhibitor; TIMP-1
UniProt Entry Name	TIMP1_HUMAN

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/human-elisa-kits/timp1-tissue-inhibitors-of-metalloproteinase-1/278079>