

Human tissue inhibitors of metalloproteinase 1, TIMP-1 ELISA Kit | TIMP-1 elisa kit

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CATALOG #
AAA42382

REACTIVITY
Human

PRODUCT SYNONYMS

tissue inhibitors of metalloproteinase 1; TIMP-1; Human tissue inhibitors of metalloproteinase 1; TIMP-1 ELISA Kit; TIMP-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	207
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	5pg/ml - 1800pg/ml
Sensitivity	2.48pg/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TIMP-1 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human Tissue Inhibitors of Metalloproteinase 1 (also known as TIMP-1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human TIMP-1 antibody. TIMP-1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human TIMP-1 Antibody is added and binds to TIMP-1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TIMP-1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human TIMP-1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	546974
NCBI GeneID	282092
UniProt Accession #	P20414; Q3T098; Q53ZP2; Q9TVB0
Molecular Weight	23,032 Da
NCBI Official Full Name	TIMP-1
NCBI Official Synonym Full Names	TIMP metalloproteinase inhibitor 1
NCBI Official Symbol	TIMP1
NCBI Protein Information	metalloproteinase inhibitor 1
UniProt Protein Name	Metalloproteinase inhibitor 1
UniProt Gene Name	TIMP1
UniProt Synonym Gene Names	EG-1; TIMP-1

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.