

Human tissue inhibitors of metalloproteinase 3, TIMP-3 ELISA Kit | TIMP-3 elisa kit

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CATALOG #
AAA41762

REACTIVITY
Human

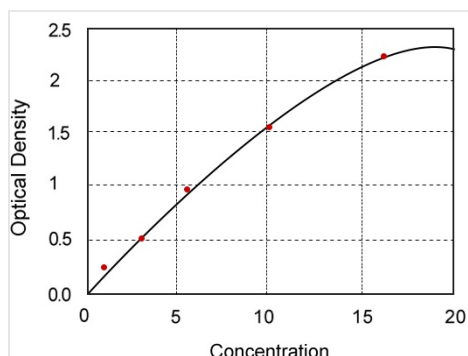
PRODUCT SYNONYMS

tissue inhibitors of metalloproteinase 3; TIMP-3; Human tissue inhibitors of metalloproteinase 3; TIMP-3 ELISA Kit; TIMP-3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	211
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.3ng/ml - 90ng/ml
Sensitivity	0.137ng/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-3 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human Tissue Inhibitors of Metalloproteinase 3 (also known as TIMP-3) 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-3 antibody. TIMP-3 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human TIMP-3 Antibody is added and binds to TIMP-3 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TIMP-3 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-3. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	998826
NCBI GeneID	7078
UniProt Accession #	P35625; Q5THV4; Q9UC74; Q9UGS2; B2RBY9
Molecular Weight	24,145 Da
NCBI Official Full Name	TIMP-3
NCBI Official Synonym Full Names	TIMP metalloproteinase inhibitor 3
NCBI Official Symbol	TIMP3
NCBI Official Synonym Symbols	SFD; K222; K222TA2; HSMRK222
NCBI Protein Information	metalloproteinase inhibitor 3
UniProt Protein Name	Metalloproteinase inhibitor 3
UniProt Gene Name	TIMP3
UniProt Synonym Gene Names	TIMP-3

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.