

Metalloproteinase inhibitor 1 ELISA Kit | TIMP1 elisa kit

Mouse TIMP-1 PicoKine ELISA Kit

CATALOG #
AAA46104

REACTIVITY
Mouse. There is no detectable cross-reactivity with other relevant proteins.

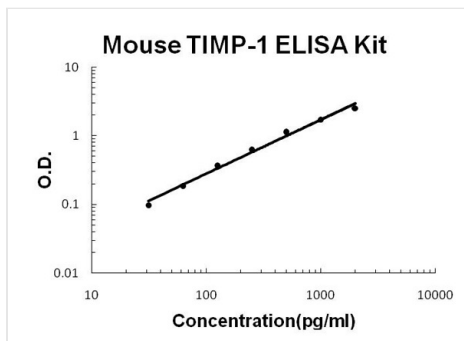
PRODUCT SYNONYMS

Metalloproteinase inhibitor 1; Mouse TIMP-1 PicoKine ELISA Kit; Clgi; Collagenase inhibitor; Human; EPA; EPO; Erythroid Potentiating Activity; Erythroid-potentiating activity; Fibroblast collagenase inhibitor; FLJ90373; HCl; Human Collagenase Inhibitor; Metalloproteinase inhibitor 1 precursor; OTTHUMP00000023214; TIMP 1; TIMP; TIMP metalloproteinase inhibitor 1; TIMP-1; Timp1; TIMP1 protein; TIMP1_HUMAN; Tissue Inhibitor of Metalloproteinase 1; Tissue inhibitor of metalloproteinases 1; Tissue inhibitor of metalloproteinases; Tissue inhibitor of metalloproteinase 1 erythroid potentiating activity collagenase inhibitor; TIMP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse. There is no detectable cross-reactivity with other relevant proteins.
Sequence Length	205
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Sensitivity	<10pg/ml
Immunogen	NSO, C25-R205
Intra-Assay Precision	Sample 1: n=16; Mean(pg/ml): 371; Standard deviation: 15.95; CV(%): 4.3 Sample 2: n=16; Mean(pg/ml): 602; Standard deviation: 29.5; CV(%): 4.9 Sample 3: n=16; Mean(pg/ml): 1025; Standard deviation: 36.9; CV(%): 3.6
Inter-Assay Precision	Sample 1: n=24; Mean(pg/ml): 382; Standard deviation: 24.45; CV(%): 6.4 Sample 2: n=24; Mean(pg/ml): 619; Standard deviation: 47.04; CV(%): 7.6 Sample 3: n=24; Mean(pg/ml): 1270; Standard deviation: 73.66; CV(%): 5.8
Assay Range	31.2pg/ml-2000pg/ml
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Mouse TIMP-1 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for TIMP1 elisa kit	Description: Sandwich ELISA kit of Quantitative Detection for Mouse TIMP-1 Background: TIMP metalloproteinase inhibitor 1, also known as TIMP1, a tissue inhibitor of metalloproteinases, is a glycoprotein that is expressed from the several tissues of organisms. This protein is a member of the TIMP family. It was found to reside at Xp11.4-p11.1. This is the first growth factor found to be X-linked. The glycoprotein is a natural inhibitor of the matrix metalloproteinases (MMPs), a group of peptidases involved in degradation of the extracellular matrix. In addition to its inhibitory role against most of the known MMPs, the encoded protein is able to promote cell proliferation in a wide range of cell types, and may also have an anti-apoptotic function. What's more, TIMP1 is thought to play a regulatory role in connective tissues by forming inactive complexes with those metalloproteinases that are normally responsible for connective tissue turnover.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	113205063
NCBI GeneID	21857
NCBI Accession #	NP_001037849.1
NCBI GenBank Nucleotide #	NM_001044384.1
UniProt Accession #	P12032; P20064; Q61720
Molecular Weight	22,628 Da
NCBI Official Full Name	metalloproteinase inhibitor 1 isoform a
NCBI Official Synonym Full Names	tissue inhibitor of metalloproteinase 1
NCBI Official Symbol	Timp1
NCBI Official Synonym Symbols	EPA; Clgi; Timp; TIMP-1; TPA-S1
NCBI Protein Information	metalloproteinase inhibitor 1; TPA-induced protein; erythroid-potentiating activity; collagenase inhibitor 16C8 fibroblast; tissue inhibitor of metalloproteinase-1; tissue inhibitor of metalloproteinases 1
UniProt Protein Name	Metalloproteinase inhibitor 1
UniProt Gene Name	Timp1
UniProt Synonym Gene Names	Timp; Timp-1; EPA; TIMP-1
UniProt Entry Name	TIMP1_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://stage.aaabiotech.com/timp1-mouse-elisa-kits/metalloproteinase-inhibitor-1/46104>