

Mouse TIMP metalloproteinase inhibitor 1 ELISA Kit | TIMP1 elisa kit

Mouse tissue inhibitors of metalloproteinase 1, TIMP-1 ELISA Kit

CATALOG #
AAA15629

REACTIVITY
Mouse

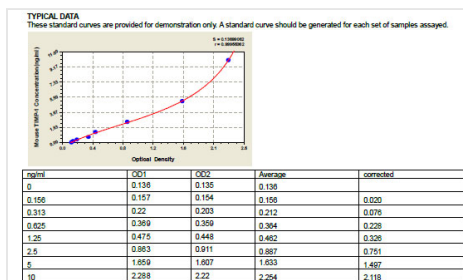
PRODUCT SYNONYMS

TIMP metalloproteinase inhibitor 1; Mouse tissue inhibitors of metalloproteinase 1; TIMP-1 ELISA Kit; RP1-230G1.3; CLGI; EPA; EPO; FLJ90373; HCI; TIMP; erythroid potentiating activity; fibroblast collagenase inhibitor; tissue inhibitor of metalloproteinase 1; TIMP-1; TIMP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse TIMP-1. No significant cross-reactivity or interference between mouse TIMP-1 and analogues was observed.
Sequence Length	205
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	< 0.110 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TIMP1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for TIMP-1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TIMP-1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TIMP-1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TIMP-1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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/timp-metallopeptidase-inhibitor-1/15629>