

Mouse TIMP-4 ELISA Kit | TIMP4 elisa kit

Mouse TIMP-4 PicoKine ELISA Kit

CATALOG #
AAA45770

REACTIVITY
Mouse

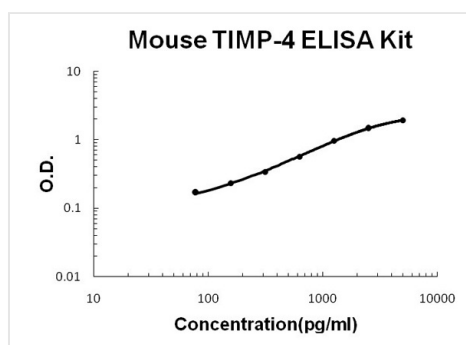
PRODUCT SYNONYMS

TIMP-4; Mouse TIMP-4 PicoKine ELISA Kit; Metalloproteinase inhibitor 4; TIMP metallopeptidase inhibitor 4; TIMP 4; Timp4; TIMP4_HUMAN; Tissue inhibitor of metalloproteinase 4; Tissue inhibitor of metalloproteinases 4; TIMP4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	224
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Detection Range	78pg/ml-5,000pg/ml
Sensitivity	<10pg/ml
Immunogen	NSO, C30-P224
Reactivity Note	Mouse. There is no detectable cross-reactivity with other relevant proteins.
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-4 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for TIMP4 elisa kit	Description: Sandwich ELISA kit of Quantitative Detection for Mouse TIMP-4 Background: Metalloproteinase inhibitor 4 is an enzyme that in humans is encoded by the TIMP4 gene. This gene belongs to the tissue inhibitor of metalloproteinases gene family. The proteins encoded by this gene family are inhibitors of the matrix metalloproteinases, a group of peptidases involved in degradation of the extracellular matrix. TIMP4 gene is mapped to chromosome 3p25. TIMP4 gene contains 5 exons that span 6 kb of genomic DNA. The gene is expressed as a 1.4-kb transcript abundant in heart and present at low levels in several other tissues. Expressed TIMP4 inhibits MMPs in vitro. What's more, TIMP-4 binds both progelatinase A and the C domain in a similar manner to that of TIMP-2.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21542265
NCBI GeneID	110595
UniProt Accession #	Q9JHB3; Q924B7
Molecular Weight	25,774 Da
NCBI Official Full Name	Metalloproteinase inhibitor 4
NCBI Official Synonym Full Names	tissue inhibitor of metalloproteinase 4
NCBI Official Symbol	Timp4
NCBI Official Synonym Symbols	TIMP-4
NCBI Protein Information	metalloproteinase inhibitor 4; tissue inhibitor of metalloproteinases 4
UniProt Protein Name	Metalloproteinase inhibitor 4
UniProt Gene Name	Timp4
UniProt Synonym Gene Names	TIMP-4
UniProt Entry Name	TIMP4_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/timp4-mouse-elisa-kits/timp-4/45770>