

Mouse TIMP metalloproteinase inhibitor 3 ELISA Kit | TIMP3 elisa kit

Mouse tissue inhibitors of metalloproteinase 3, TIMP-3 ELISA Kit

CATALOG # AAA15450	REACTIVITY Mouse
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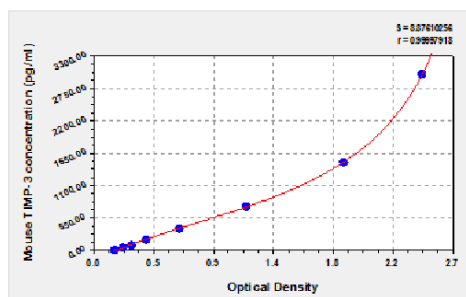
PRODUCT SYNONYMS

TIMP metalloproteinase inhibitor 3; Mouse tissue inhibitors of metalloproteinase 3; TIMP-3 ELISA Kit; TIMP-3 ELISA kit; HSMRK222; K222; K222TA2; SFD; MIG-5 protein; tissue inhibitor of metalloproteinase 3; TIMP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse TIMP-3. No significant cross-reactivity or interference between mouse TIMP-3 and analogues was observed.
Sequence Length	211
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	46.88 pg/ml-3000 pg/ml
Sensitivity	< 11.72 pg/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 TIMP3 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for TIMP-3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TIMP-3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TIMP-3 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-3 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 #	6755793
NCBI GeneID	21859
NCBI Accession #	NP_035725.1
NCBI GenBank Nucleotide #	NM_011595.2
UniProt Accession #	P39876; Q91WL9
Molecular Weight	24,182 Da
NCBI Official Full Name	metalloproteinase inhibitor 3
NCBI Official Synonym Full Names	tissue inhibitor of metalloproteinase 3
NCBI Official Symbol	Timp3
NCBI Official Synonym Symbols	Timp-3
NCBI Protein Information	metalloproteinase inhibitor 3; tissue inhibitor of metalloproteinases 3
UniProt Protein Name	Metalloproteinase inhibitor 3
UniProt Gene Name	Timp3
UniProt Synonym Gene Names	Sun; Timp-3; TIMP-3
UniProt Entry Name	TIMP3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/timp3-mouse-elisa-kits/timp-metallopeptidase-inhibitor-3/15450>