

Mouse tissue inhibitors of metalloproteinase 2, TIMP-2 ELISA Kit | TIMP-2 elisa kit

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CATALOG #
AAA43100

REACTIVITY
Mouse

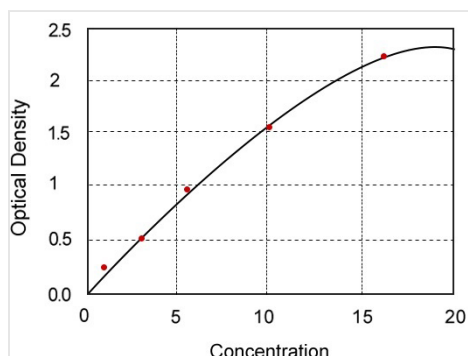
PRODUCT SYNONYMS

tissue inhibitors of metalloproteinase 2; TIMP-2; Mouse tissue inhibitors of metalloproteinase 2; TIMP-2 ELISA Kit; TIMP-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	220
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 190ng/ml
Sensitivity	0.22ng/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-2 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Tissue Inhibitors of Metalloproteinase 2 (also known as TIMP-2) 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 Mouse TIMP-2 antibody. TIMP-2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse TIMP-2 Antibody is added and binds to TIMP-2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TIMP-2 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 Mouse TIMP-2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	619233
NCBI GeneID	29543
UniProt Accession #	P30121; Q546J4
Molecular Weight	24,356 Da
NCBI Official Full Name	tissue inhibitor of metalloproteinase type 2
NCBI Official Synonym Full Names	TIMP metallopeptidase inhibitor 2
NCBI Official Symbol	Timp2
NCBI Protein Information	metalloproteinase inhibitor 2
UniProt Protein Name	Metalloproteinase inhibitor 2
UniProt Gene Name	Timp2
UniProt Synonym Gene Names	Timp-2; TIMP-2

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/mouse-elisa-kits/tissue-inhibitors-of-metalloproteinase-2-timp-2/43100>