

Human tissue inhibitors of metalloproteinase 4, TIMP-4 ELISA Kit | TIMP-4 elisa kit

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CATALOG #
AAA41510

REACTIVITY
Human

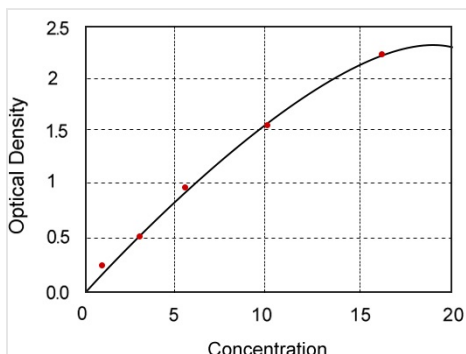
PRODUCT SYNONYMS

tissue inhibitors of metalloproteinase 4; TIMP-4; Human tissue inhibitors of metalloproteinase 4; TIMP-4 ELISA Kit; TIMP-4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	51
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.095ng/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-4 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Tissue Inhibitors of Metalloproteinase 4 (also known as TIMP-4) 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 Human TIMP-4 antibody. TIMP-4 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human TIMP-4 Antibody is added and binds to TIMP-4 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TIMP-4 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 Human TIMP-4. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	48734400
NCBI GeneID	110595
Molecular Weight	25,774 Da
NCBI Official Full Name	tissue inhibitor of metalloproteinase 4, partial
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
UniProt Protein Name	Metalloproteinase inhibitor 4
UniProt Gene Name	Timp4
UniProt Synonym Gene Names	TIMP-4

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/human-elisa-kits/tissue-inhibitors-of-metalloproteinase-4-timp-4/41510>