

Human TIMP-2 ELISA Kit | TIMP-2 elisa kit

Human TIMP-2 (Tissue Inhibitors of Metalloproteinase 2) ELISA Kit

CATALOG #
AAA164138

REACTIVITY
Human

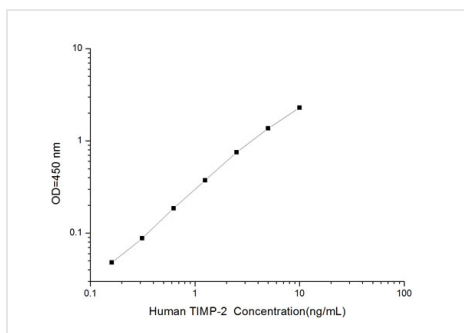
PRODUCT SYNONYMS

TIMP-2; Human TIMP-2 (Tissue Inhibitors of Metalloproteinase 2) ELISA Kit; TIMP-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human TIMP-2. No significant cross-reactivity or interference between Human TIMP-2 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human TIMP-2 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	220
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TIMP-2 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TIMP-2 in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human TIMP-2. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human TIMP-2 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human TIMP-2, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human TIMP-2. You can calculate the concentration of Human TIMP-2 in the samples by comparing the OD of the samples to the standard curve.
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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; TIMP-2; tissue inhibitor of metalloproteinase 2; tissue inhibitor of metalloproteinases 2
UniProt Protein Name	Metalloproteinase inhibitor 2
UniProt Gene Name	Timp2
UniProt Synonym Gene Names	Timp-2; TIMP-2
UniProt Entry Name	TIMP2_RAT

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.