

Rat TIMP2 (Tissue Inhibitors Of Metalloproteinase 2) ELISA Kit | TIMP2 elisa kit

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CATALOG #
AAA278071

REACTIVITY
Rat

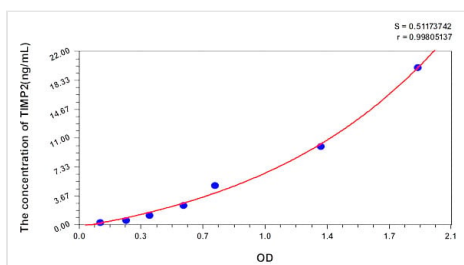
PRODUCT SYNONYMS

TIMP2 (Tissue Inhibitors Of Metalloproteinase 2); Rat TIMP2 (Tissue Inhibitors Of Metalloproteinase 2) ELISA Kit; CSC-21K; TIMP Metalloproteinase Inhibitor 2; TIMP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	3.13-200ng/mL
Sensitivity	1.11ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TIMP2 elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rat TIMP2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat TIMP2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Rat TIMP2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Rat TIMP2 in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for TIMP2 elisa kit

[Tumor immunity](#)

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 metalloproteinase 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/rat-elisa-kits/timp2-tissue-inhibitors-of-metalloproteinase-2/278071>