

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

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CATALOG #
AAA43226

REACTIVITY
Rat

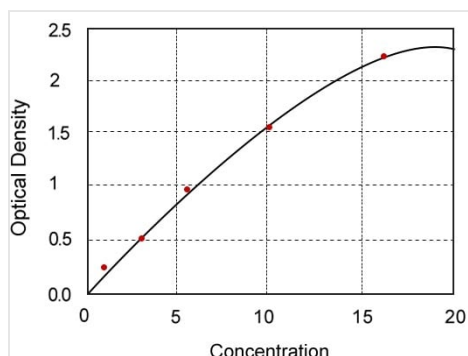
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	220
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 90ng/ml
Sensitivity	0.25ng/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 Rat 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 Rat TIMP-2 antibody. TIMP-2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat 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 Rat TIMP-2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/tissue-inhibitors-of-metalloproteinase-2-timp-2/43226>