

Porcine Tissue inhibitors of metalloproteinase 3, TIMP-3 ELISA Kit | TIMP-3 elisa kit

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CATALOG #
AAA91032

REACTIVITY
Porcine

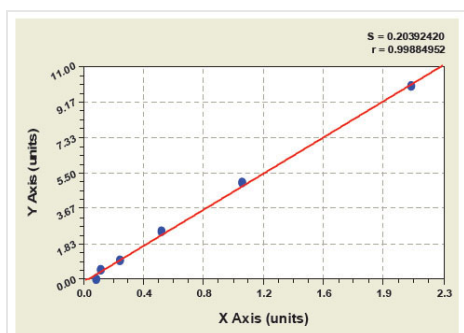
PRODUCT SYNONYMS

Tissue inhibitors of metalloproteinase 3; TIMP-3; Porcine Tissue inhibitors of metalloproteinase 3; TIMP-3 ELISA Kit; TIMP-3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This BG TIMP-3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine TIMP-3. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TIMP-3 elisa kit

Principle of the Assay: TIMP-3 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for TIMP-3. Standards or samples are then added to the microtiter plate wells and TIMP-3 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of TIMP-3 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for TIMP-3 are added to each well to "sandwich" the TIMP-3 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain TIMP-3 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TIMP-3 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for TIMP-3 elisa kit

Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	998826
NCBI GeneID	7078
Molecular Weight	24,145 Da
NCBI Official Full Name	TIMP-3
NCBI Official Synonym Full Names	TIMP metalloproteinase inhibitor 3
NCBI Official Symbol	TIMP3
NCBI Official Synonym Symbols	SFD; K222; K222TA2; HSMRK222
NCBI Protein Information	metalloproteinase inhibitor 3; TIMP-3; MIG-5 protein; protein MIG-5; tissue inhibitor of metalloproteinases 3
UniProt Protein Name	Metalloproteinase inhibitor 3
UniProt Gene Name	TIMP3
UniProt Synonym Gene Names	TIMP-3
UniProt Entry Name	TIMP3_HUMAN

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/porcine-elisa-kits/tissue-inhibitors-of-metalloproteinase-3-timp-3/91032>