

Porcine TIMP3 (Metalloproteinase inhibitor 3) ELISA Kit | TIMP3 elisa kit

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CATALOG #
AAA248360

REACTIVITY
Porcine

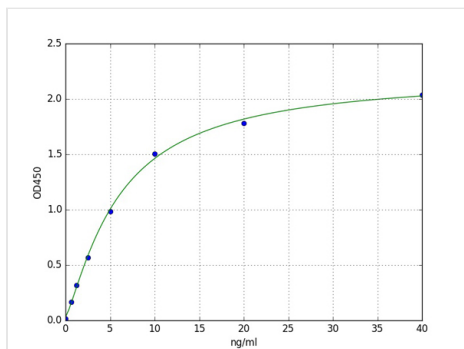
PRODUCT SYNONYMS

TIMP3 (Metalloproteinase inhibitor 3); Porcine TIMP3 (Metalloproteinase inhibitor 3) ELISA Kit; TIMP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Sequence Length	211
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.625-40ng/ml
Sensitivity	0.375ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TIMP3 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-TIMP3 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-TIMP3 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the TIMP3 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of TIMP3 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

4507513

NCBI GeneID	7078
NCBI Accession #	NP_000353.1
NCBI GenBank Nucleotide #	NM_000362.4
UniProt Accession #	P35625; Q5THV4; Q9UC74; Q9UGS2; B2RBY9
Molecular Weight	24,145 Da
NCBI Official Full Name	metalloproteinase inhibitor 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
UniProt Protein Name	Metalloproteinase inhibitor 3
UniProt Gene Name	TIMP3
UniProt Synonym Gene Names	TIMP-3

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/timp3-metalloproteinase-inhibitor-3/248360>