Sheep Tissue Inhibitors of Metalloproteinase 1 ELISA Kit | TIMP-1 elisa kit

Sheep Tissue Inhibitors of Metalloproteinase 1 ELISA Kit

CATALOG #	REACTIVITY
AAA100950	**Sheep**

PRODUCT SYNONYMS

Tissue Inhibitors of Metalloproteinase 1; Sheep Tissue Inhibitors of Metalloproteinase 1 ELISA Kit; TIMP-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Sequence Length	40
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	3.125-200ng/ml
Sensitivity	1.875ng/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)



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TIMP-1 elisa kit	Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Sheep TIMP-1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Sheep TIMP-1 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 Sheep TIMP-1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Sheep TIMP-1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	994731
NCBI GeneID	7076
Molecular Weight	23,171 Da
NCBI Official Full Name	tissue inhibitor of metalloproteinase 1, partial
NCBI Official Synonym Full Names	TIMP metallopeptidase inhibitor 1

NCBI Official Symbol	TIMP1
NCBI Official Synonym Symbols	EPA; EPO; HCI; CLGI; TIMP; TIMP-1
NCBI Protein Information	metalloproteinase inhibitor 1
UniProt Protein Name	Metalloproteinase inhibitor 1
UniProt Gene Name	**TIMP1**
UniProt Synonym Gene Names	CLGI; TIMP; EPA; Collagenase inhibitor; TIMP-1
UniProt Entry Name	TIMP1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/timp-1-sheep-elisa-kits/tissue-inhibitors-of-metalloproteinase-1/100950