antibodies - online.com







TIMP4 ELISA Kit





_							
0	V	е	r١	/1	е	V	1

Quantity:	1 kit
Target:	TIMP4
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	78 pg/mL - 5000 pg/mL
Minimum Detection Limit:	78 pg/mL
Application:	ELISA

Product Details

Purpose:

Sample Type:	Breast Milk, Cell Culture Supernatant, Plasma (EDTA - heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	Synonyms: Metalloproteinase inhibitor 4, TIMP 4, TIMP metallopeptidase inhibitor 4, Tissue
	inhibitor of metalloproteinase 4, Tissue inhibitor of metalloproteinases 4
	Background: Tissue inhibitor of metalloproteinases 4, also called Metalloproteinase inhibitor 4,
	is an enzyme that in humans is encoded by the TIMP4 gene. This gene belongs to the TIMP
	gene family. The proteins encoded by this gene family are inhibitors of the matrix
	metalloproteinases, a group of peptidases involved in degradation of the extracellular matrix.
	This gene is mapped to 3p25.2. The secreted, netrin domain-containing protein encoded by this
	gene is involved in regulation of platelet aggregation and recruitment and may play role in

Sandwich ELISA for Quantitative Detection of Antigen

hormonal regulation and endometrial tissue remodeling.

Gene Name: TIMP4

Production: Natural and recombinant human TIMP-4. This kit detects recombinant human

TIMP-4 in both free and MMP-bound forms.

Standard: Expression system for standard: sf21, Immunogen sequence: C30-P224

Target Details

Target:	TIMP4
Alternative Name:	TIMP-4 (TIMP4 Products)
Gene ID:	7079
NCBI Accession:	NP_003247
UniProt:	Q99727

Application Details

Application Notes:

Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 5000pg/mL, 2500pg/mL, 1250pg/mL, 625pg/mL, 312pg/mL, 156pg/mL, 78pg/mL human TIMP-4 standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of human cell culture supernates, serum, plasma(heparin, EDTA) or human milk to each empty well. We recommend that each human TIMP-4 standard solution and each sample is measured in duplicate.

Blood Product Anticoagulant: Heparin Sodium

ELISA Dilution: 78pg/mL-5000pg/mL

Sample Volume: 100 µL

Plate: Pre-coated

Restrictions: For Research Use only

Handling

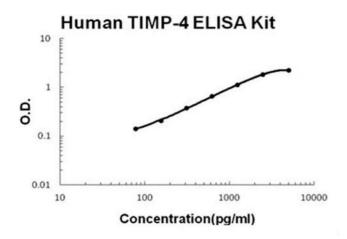
Storage:	RT,4 °C,-20 °C		
----------	----------------	--	--

Storage Comment:

Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid

cycles of freezing and thawing.

Images



ELISA

Image 1. Human TIMP-4 Accusignal ELISA Kit Human TIMP-4 AccuSignal ELISA Kit standard curve. Assay Range: 78pg/ml-5000pg/ml. Sensitivity: <10pg/ml.