TIMP1 (Human) ELISA Kit

Catalog # KA3112 Size 1 Kit

Specification

Product Description	TIMP1 (Human) ELISA Kit is intended for the quantitative measurement of human TIMP1.
Suitable Sample	Body Fluid, Cell Culture Supernatant, Plasma, Serum, Tissue Lysate
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	156 to 10000 pg/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Storage Instruction	Store at 4°C for 6 months, or at -20°C for 12 months.

Applications

- Quantification

Gene Info — TIMP1

Entrez GeneID	7076
Gene Name	TIMP1
Gene Alias	CLGI, EPA, EPO, FLJ90373, HCI, TIMP
Gene Description	TIMP metallopeptidase inhibitor 1

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Omim ID	305370
Gene Ontology	Hyperlink
Gene Summary	This gene belongs to the TIMP gene family. The proteins encoded by this gene family are natural i nhibitors of the matrix metalloproteinases (MMPs), a group of peptidases involved in degradation of the extracellular matrix. In addition to its inhibitory role against most of the known MMPs, the en coded protein is able to promote cell proliferation in a wide range of cell types, and may also have an anti-apoptotic function. Transcription of this gene is highly inducible in response to many cytoki nes and hormones. In addition, the expression from some but not all inactive X chromosomes sug gests that this gene inactivation is polymorphic in human females. This gene is located within intro n 6 of the synapsin I gene and is transcribed in the opposite direction. [provided by RefSeq
Other Designations	OTTHUMP00000023214|erythroid potentiating activity|fibroblast collagenase inhibitor|tissue inhib itor of metalloproteinase 1

Disease

- Alzheimer disease
- Aortic Aneurysm
- Arthritis
- Asthma
- Cardiovascular Diseases
- Chorioamnionitis
- Colitis
- Constriction
- Coronary Disease
- Crohn Disease
- Diabetes Complications
- Diabetes Mellitus
- Diabetic Angiopathies
- Disease Progression
- Duodenal Ulcer
- Edema

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- Endometrial Neoplasms
- Fetal Membranes
- Genetic Predisposition to Disease
- Graft Occlusion
- Helicobacter Infections
- Hepatitis C
- Inflammation
- Intracranial Aneurysm
- Liver Cirrhosis
- Lymphoma
- Metabolic Syndrome X
- Metaplasia
- Myocardial Infarction
- Myopia
- Neoplasms
- Obstetric Labor
- Osteoporosis
- Ovarian Neoplasms
- Pre-Eclampsia
- Premature Birth
- Pulmonary Disease
- Recurrence
- Scleroderma
- Spondylitis

- Stomach Neoplasms

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