

ARG80144 Human TIMP4 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG80144-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG80144-002	Standard (Lyophilized)	2 X 2 ng/vial	4°C
ARG80144-003	Standard diluent buffer	20 ml	4°C
ARG80144-004	Antibody conjugate concentrate	400 µl	4°C
ARG80144-005	Antibody diluent buffer	16 ml	4°C
ARG80144-006	HRP-Streptavidin concentrate	400 µl	4°C (Protect from light)
ARG80144-007	HRP-Streptavidin diluent buffer	16 ml	4°C
ARG80144-008	20X Wash buffer	50 ml	4°C
ARG80144-009	TMB substrate	12ml	4°C (Protect from light)
ARG80144-010	STOP solution	12ml	4°C
ARG80144-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG80144 Human TIMP4 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human TIMP4 in Serum, Plasma, Cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	No significant cross-reactivity or interference with Human TIMP-1, TIMP-2, TIMP-3 & mouse TIMP-1
Target Name	TIMP4
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	65 pg/ml
Sample Type	Serum, Plasma, Cell culture supernatants
Standard Range	125 - 8000 pg/ml
Sample Volume	100 µl

Precision	CV: less than10%
Alternate Names	Metalloproteinase inhibitor 4; Tissue inhibitor of metalloproteinases 4; TIMP-4

Application Instructions

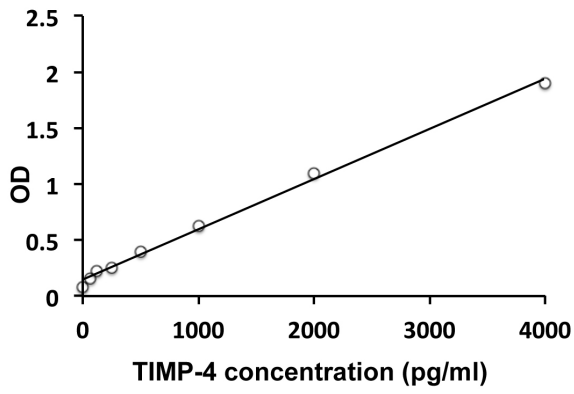
Assay Time	4 hours
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Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 7079 Human Swiss-port # Q99727 Human
Gene Symbol	TIMP4
Gene Full Name	TIMP metalloproteinase inhibitor 4
Background	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. The secreted, netrin domain-containing protein encoded by this gene is involved in regulation of platelet aggregation and recruitment and may play role in hormonal regulation and endometrial tissue remodeling. [provided by RefSeq, Jul 2008]
Highlight	Related products: TIMP4 antibodies ; TIMP4 ELISA Kits ; Related news: Detecting MMPs and their non-ECM substrates New ELISA data calculation tool: Simplify the ELISA analysis by GainData
Research Area	Cancer kit; Cell Biology and Cellular Response kit



ARG80144 Human TIMP4 ELISA Kit standard curve image

ARG80144 Human TIMP4 ELISA Kit results of a typical standard run with optical density reading at 450 nm.