

## ARG82478 Mouse MATN2 / Matrilin 2 ELISA Kit

Package: 96 wells  
Store at: 4°C

### Component

Cat. No.	Component Name	Package	Temp
ARG82478-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82478-002	Standard	2 X 10 ng/vial	4°C
ARG82478-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82478-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82478-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82478-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82478-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82478-008	25X Wash buffer	20 ml	4°C
ARG82478-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82478-010	STOP solution	10 ml (Ready to use)	4°C
ARG82478-011	Plate sealer	4 strips	Room temperature

### Summary

Product Description	ARG82478 Mouse MATN2 / Matrilin 2 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse MATN2 / Matrilin 2 in serum, plasma (EDTA, heparin) and cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Target Name	MATN2 / Matrilin 2
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	50 pg/ml
Sample Type	Serum, plasma (EDTA, heparin) and cell culture supernatants.
Standard Range	93.7 - 6000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 4.9% Inter-Assay CV: 6.1%

## Application Instructions

Assay Time	~ 5 hours
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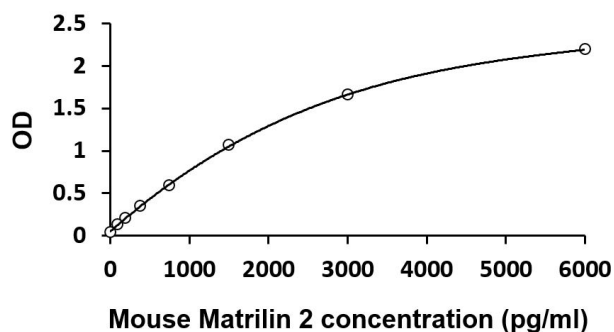
## Properties

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

Gene Symbol	MATN2
Gene Full Name	matrilin 2
Background	This gene encodes a member of the von Willebrand factor A domain containing protein family. This family of proteins is thought to be involved in the formation of filamentous networks in the extracellular matrices of various tissues. This protein contains five von Willebrand factor A domains. The specific function of this gene has not yet been determined. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Function	Involved in matrix assembly. [UniProt]
Highlight	Related products: <a href="#">Matrilin antibodies</a> ; <a href="#">Matrilin ELISA Kits</a> ; New ELISA data calculation tool: <a href="#">Simplify the ELISA analysis by GainData</a>
Cellular Localization	Secreted. [UniProt]

## Images



ARG82478 Mouse MATN2 / Matrilin 2 ELISA Kit standard curve image

ARG82478 Mouse MATN2 / Matrilin 2 ELISA Kit results of a typical standard run with optical density reading at 450 nm.