

## ARG81378 Human MMP8 ELISA Kit

Package: 96 wells  
Store at: 4°C

### Summary

Product Description	ARG81378 Human MMP8 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human MMP8 in Serum, Plasma, Cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	No significant cross-reactivity or interference with Human BMP1, BMP2, BMP4, HGF, IL-1beta, IL-2, IL-4, IL-5, IL-6, IL-8, IL-10, IL-12, IL-13, IL-15, IFN gamma, TGF beta , TGF beta2, TGF beta3, TLR1, TLR2, TLR3, TNF alpha, VEGF
Target Name	MMP8
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	18 pg/ml
Sample Type	Serum, Plasma, Cell culture supernatants
Standard Range	93.75 - 6000 pg/ml
Sample Volume	20 - 100 µl
Precision	CV: <math>\leq 9\%</math>
Alternate Names	HNC; CLG1; MMP-8; PMNL-CL; Neutrophil collagenase; PMNL collagenase; PMNL-CL

### Application Instructions

Assay Time	~3 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	MMP8
Gene Full Name	matrix metalloproteinase 8
Background	This gene encodes a member of the matrix metalloproteinase (MMP) family of proteins. These proteins are involved in the breakdown of extracellular matrix in embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Proteolysis at different sites on this protein results in multiple active forms of the enzyme with distinct N-termini. This

protein functions in the degradation of type I, II and III collagens. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2015]

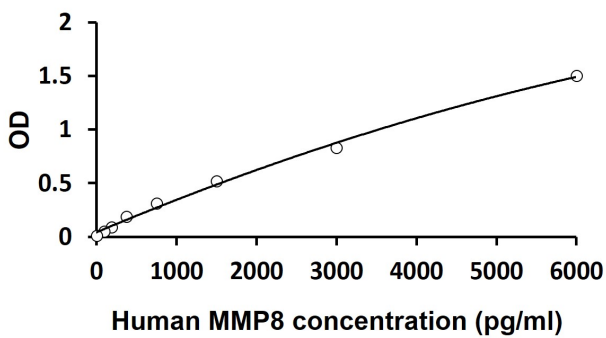
Function Can degrade fibrillar type I, II, and III collagens. [UniProt]

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PTM Disulfide bond, Glycoprotein, Zymogen

## Images

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ARG81378 Human MMP8 ELISA Kit standard curve image

ARG81378 Human MMP8 ELISA Kit results of a typical standard run with optical density reading at 450nm.