

Rat MMP-8 Antibody Pair Set

Catalog No.	E-KAB-0636	Applications	ELISA
Synonyms	MMP8;CLG1;HNC;PMNL-CL;Neutrophil Collagenase		

Kit components & Storage

Title	Specifications	Storage
Rat MMP-8 Capture Antibody	1 vial, 100 µg	Store at -20℃ for one year. Avoid freeze/thaw cycles.
Rat MMP-8 Detection Antibody (Biotin)	1 vial, 50 µL	Store at -20℃ for one year. Avoid freeze/thaw cycles.

Note: Centrifuge before opening to ensure complete recovery of vial contents.

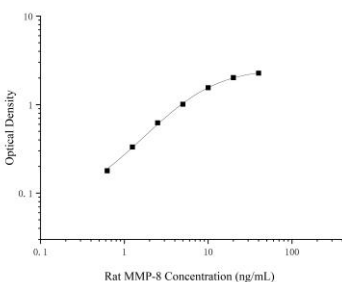
Product Information

Items		Characteristic (E-KAB-0636)	
		Rat MMP-8 Capture Antibody	Rat MMP-8 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Rat MMP-8 protien	Recombinant Rat MMP-8 protien
	Swissprot	O88766	
Product details	Reactivity	Rat	Rat
	Host	Goat	Goat
	Conjugation	Unconjugated	Biotin
	Concentration	0.5 mg/mL	/
	Buffer	PBS with 0.04% Proclin 300; 50% glycerol; pH 7.5	PBS with 0.04% Proclin 300; 1% protective protein; 50% glycerol; pH 7.5
	Purify	Antigen Affinity	Antigen Affinity
	Specificity	Detects Rat MMP-8 in ELISAs.	

For Research Use Only

Applications

Rat MMP-8 Sandwich ELISA Assay

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 µg/mL	Rat MMP-8 Capture Antibody	
ELISA Detection	1:1000-1:10000	Rat MMP-8 Detection Antibody (Biotin)	

Note: This standard curve is only for demonstration purposes. A standard curve should be generated for each assay!

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.

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