

## Human MMP-10 Antibody Pair Set

<b>Catalog No.</b>	E-KAB-0433	<b>Applications</b>	ELISA
<b>Synonyms</b>	MMP10;SL-2;STMY2;Stromelysin-2;Transin-2		

### Kit components & Storage

Title	Specifications	Storage
Human MMP-10 Capture Antibody	1 vial, 100 µg	Store at -20℃ for one year. Avoid freeze/thaw cycles.
Human MMP-10 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.

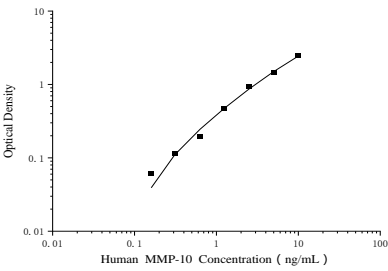
### Product Information

Items		Characteristic (E-KAB-0433)	
		Human MMP-10 Capture Antibody	Human MMP-10 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human MMP-10 protien	Recombinant Human MMP-10 protien
	Swissprot	P09238	
Product details	Reactivity	Human	Human
	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 Human MMP-10 in ELISAs.	

### For Research Use Only

## Applications

Human MMP-10 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 µg/mL	Human MMP-10 Capture Antibody	
ELISA Detection	1:1000-1:10000	Human MMP-10 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 peptidase M10 family of matrix metalloproteinases (MMPs). Proteins in this family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. The encoded preproprotein is proteolytically processed to generate the mature protease. This secreted protease breaks down fibronectin, laminin, elastin, proteoglycan core protein, gelatins, and several types of collagen. The gene is part of a cluster of MMP genes on chromosome 11.