

## Human TIMP-4 Antibody Pair Set

**Catalog No.** E-KAB-0438

**Applications**

ELISA

**Synonyms** TIMP4

### Kit components & Storage

Title	Specifications	Storage
Human TIMP-4 Capture Antibody	1 vial, 100 µg	Store at -20℃ for one year. Avoid freeze/thaw cycles.
Human TIMP-4 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.

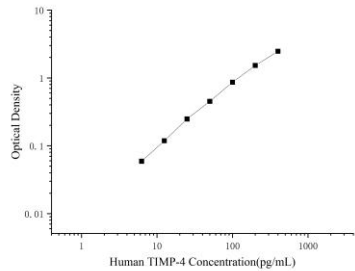
### Product Information

Items		Characteristic (E-KAB-0438)	
		Human TIMP-4 Capture Antibody	Human TIMP-4 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human TIMP-4 protien	Recombinant Human TIMP-4 protien
	Swissprot	Q99727	
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 TIMP-4 in ELISAs.	

### For Research Use Only

## Applications

### Human TIMP-4 Sandwich ELISA Assay

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

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

## 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 a role in hormonal regulation and endometrial tissue remodeling.

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