

## Human PIIIINP Antibody Pair Set

<b>Catalog No.</b>	E-KAB-0164	<b>Applications</b>	ELISA
<b>Synonyms</b>	P3NP, N-Propeptide Of Type III Procollagen, Procollagen III Amino Terminal Propeptide		

### Kit components & Storage

Title	Specifications	Storage
Human PIIIINP Capture Antibody	1 vial, 100 µg	Store at -20°C. Avoid freeze/thaw cycles.
Human PIIIINP Detection Antibody (Biotin)	1 vial, 50 µL	Store at -20°C. Avoid freeze/thaw cycles.

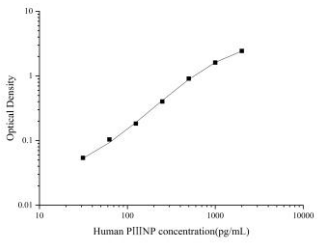
**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Product Information

Items		Characteristic (E-KAB-0164)	
		Human PIIIINP Capture Antibody	Human PIIIINP Detection Antibody (Biotin)
Immunogen Information	Immunogen	Native Protein	Native Protein
	Swissprot	P02461	
Product details	Reactivity	Human	Human
	Host	Mouse	Mouse
	Conjugation	Unconjugated	Biotin
	Concentration	0.5 mg/mL	/
	Buffer	PBS with 0.04% Proclin 300, 50% glycerol, pH 7.4	PBS with 0.04% Proclin 300; 1% protective protein; 50% glycerol; pH 7.4
	Purify	Protein A	Protein A
	Specificity	Detects Human PIIIINP in ELISAs.	

## Applications

Human PIIIINP Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 µg/mL	Human PIIIINP Capture Antibody	
ELISA Detection	1:1000-1:10000	Human PIIIINP 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 the pro-alpha1 chains of type III collagen, a fibrillar collagen that is found in extensible connective tissues such as skin, lung, uterus, intestine and the vascular system, frequently in association with type I collagen. Mutations in this gene are associated with Ehlers-Danlos syndrome types IV, and with aortic and arterial aneurysms. Two transcripts, resulting from the use of alternate polyadenylation signals, have been identified for this gene.