

Anti-h PIIINP NA000501 SPTN-5

Product overview

Catalog number	C-10-0015
Specificity	Antibody recognizes human PIIINP (N-terminal Propeptide of Type III Procollagen)
Description	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
Product buffer solution	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.1% ProClin™ 300 as a preservative
Shelf life and storage	Unspecified, storage at 2–8 °C
Subclass	IgG _{2a}
Analyte description	PIIINP is an N-terminal pre-peptide released to the blood stream when type III pre-collagen is transferred to type III collagen outside the cell by specific proteinases, the quantity of which is equal to that of type III collagen. Consequently, the serum level of PIIINP indicates the amount and velocity of type III collagen synthesis. The serum level of PIIINP indicates the extent of hepatic fibrosis and the activity of hepatic disorders.

Parameters tested on each lot

Product appearance	Liquid, may turn slightly opaque during storage
Product concentration	5.0 mg/ml (+/- 10%)
Immunoreactivity	80–120% compared to the reference sample
IEF Profile	
Purity	≥ 95 %

Kinetic parameters

Association rate constant	To Be Determined (TBD)
Dissociation rate constant	TBD
Affinity constant	TBD
Determination method	-
Determination antigen	-



Cross-reactivities -

Epitope Not Determined (N/D)

Pair recommendations

		DETECTION				
		NA000501	NA000502	NA000503	NA000504	NA000505
CAPTURE	NA000501	-	+	-	+	+
	NA000502	+	-	+	-	
	NA000503	-	+	-	+	+
	NA000504	+	-	+	-	-
	NA000505	+	-	+	-	-

Please note that pair recommendations are based on results obtained by our laboratory. Equally good results may be obtained using other pairs and therefore these recommendations are only indicative.

Platforms tested **ELISA, CLIA**

Antigens tested -

Product stability	TEMPERATURE, TIME	RESULT
	-70 °C, 21 days	OK
	-20 °C, 21 days	OK
	+4 °C, 21 days	OK
	+35 °C, 21 days	OK
	+45 °C, 7 days	OK

Stability testing is performed in the product buffer to see whether different temperatures affect the antigen binding, charge or composition of the antibody. Please note that the shelf life given on the first page is based on real time stability testing at 2–8 °C in the product buffer.

Miscellaneous -

References -

