

PRODUCT SPECIFICATIONS

Name	Anti-h Prealbumin 11603 SPTN-5
Specificity	Antibody recognizes human prealbumin
Description	Monoclonal mouse antibody, cultured <i>in vitro</i> under conditions free from animal-derived components
Product code	100830
Product buffer solution	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN ₃ as a preservative
Shelf life and storage	Unspecified, storage at 2–8 °C
Analyte description	Prealbumin, also known as transthyretin, is synthesized mainly by liver. It is involved in transport of triiodothyronine (T3), thyroxine (T4), and vitamin A. Due to the short half-life of prealbumin, it can be used to assess malnutrition or efficacy of parenteral nutrition.

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 in an FIA test
IEF Profile	6.0–7.2
Purity	≥ 95 %

PARAMETERS DETERMINED DURING PRODUCT DEVELOPMENT

Subclass	IgG ₁
Association rate constant	Not Determined (N/D)
Dissociation rate constant	N/D
Affinity constant	N/D
Determination method	-
Determination antigen	-

Legal disclaimer

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Cross-reactivities N/D

Epitope N/D

Pair recommendations

		DETECTION				
		11601	11603	11604	11605	11606
CAPTURE	11601	+	+	+	+	+
	11603	+	+	+	+	+
	11604	+	+	+	+	+
	11605	+	+	+	+	+
	11606	+	+	+	+	+

Antibodies 11601, 11604, and 11605 are recommended for immunoturbidimetric applications.

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.

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

Antibody recognizes native prealbumin antigen, Lee Biosolutions 496-11 and 496-10.

References

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