

## PRODUCT SPECIFICATIONS

<b>Name</b>	Anti-h Prealbumin 11605 SPTN-5
<b>Specificity</b>	Antibody recognizes human prealbumin
<b>Description</b>	Monoclonal mouse antibody, cultured <i>in vitro</i> under conditions free from animal-derived components
<b>Product code</b>	100832
<b>Product buffer solution</b>	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN <sub>3</sub> as a preservative
<b>Shelf life and storage</b>	Unspecified, storage at 2–8 °C
<b>Analyte description</b>	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

<b>Product appearance</b>	Liquid, may turn slightly opaque during storage
<b>Product concentration</b>	5.0 mg/ml (+/- 10 %)
<b>Immunoreactivity</b>	80–120 % compared to the reference sample in an FIA test
<b>IEF Profile</b>	6.3–6.7
<b>Purity</b>	≥ 95 %

## PARAMETERS DETERMINED DURING PRODUCT DEVELOPMENT

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

### Legal disclaimer

Medix Biochemica products meet their specifications if transported, stored and used according to the instructions. MedixMAB is a registered trademark of Medix Biochemica and may not be used or reproduced without Medix Biochemica's written permission.

### Oy Medix Biochemica Ab

**Headquarters and manufacturing**  
Klovinpellontie 3  
FI-02180 Espoo, Finland

medix@medixbiochemica.com  
www.medixbiochemica.com  
VAT reg. no. FI4631532

**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**

-