Product specifications

Name	Anti-h Cystatin C 10001 SPTN-5
Specificity	Antibody recognizes human Cystatin C
Description	Monoclonal mouse antibody, cultured *in vitro* under conditions free from animal-derived components
Product code	100702
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
Subclass	IgG_1
Analyte description	Cystatin C is an emerging renal biomarker. It is used for the diagnosis of chronic kidney disease. Cystatin C has also been associated with an increased risk of cardiovascular disease and heart failure.

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	6.5–7.1
Purity	≥ 95 %

Kinetic parameters

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

| Cross-reactivities | Does not recognize recombinant Cystatin D, F, S, SA, or SN. |

| Epitope | N/D |

Pair recommendations

		DETECTION			
		10001	10002	10004	10005
CAPTURE	10001	-	-	+	+
	10002	-	-	+	+
	10004	+	+	-	-
	10005	+	+	-	-

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 | FIA |

| Antigens tested | Recombinant Cystatin C antigen, Medix Biochemica, 610100. |

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 | - |