

Product specifications

Name	Anti-RSV 1201 SPTN-10
Specificity	Antibody recognizes respiratory syncytial virus, strains A & B, major antigenic site on fusion protein
Description	Monoclonal mouse antibody, cultured <i>in vitro</i> under conditions free from animal-derived components.
Product code	100198
Product buffer solution	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN ₃ as a preservative
Shelf life and storage	18 months from manufacturing at 2–8 °C
Subclass	IgG _{2a}
Analyte description	RSV causes respiratory tract infections. It is the major cause of lower respiratory tract infection and hospital visits during infancy and childhood. In temperate climates there is an annual epidemic during the winter months. In tropical climates, infection is most common during the rainy season.

Parameters tested on each lot

Product appearance	Liquid, may turn slightly opaque during storage
Product concentration	10.0 mg/ml (+/- 10 %)
Immunoreactivity	80–120 % compared to the reference sample in an FIA test
IEF Profile	6.6–7.4
Purity	≥ 95 %

Kinetic parameters

Association rate constant	Not Determined (N/D)
Dissociation rate constant	N/D
Affinity constant	N/D
Determination method	Affinity cannot be measured due to the lack of pure antigen
Determination antigen	-

Legal disclaimer



Cross-reactivities Does not recognize common respiratory infections causing microbes

Epitope N/D

Pair recommendations

CAPTURE ANTIBODY	DETECTION ANTIBODY
1201	1201

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 N/D

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 Waris, M., Ziegler, T., Kivivirta, M. and Ruuskanen, O., (1990) Rapid detection of respiratory syncytial virus and influenza A virus in cell cultures by immunoperoxidase staining with monoclonal antibodies. J.Clin.Microbiol., 28:1159-1162

