

## Product Datasheet

### Anti-SARS-CoV-2 N 3507 SPTN-5 100948

<b>Product Name</b>	Anti-SARS-CoV-2 N 3507 SPTN-5
<b>Catalog Number</b>	100948
<b>Description</b>	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
<b>Tested Applications</b>	FIA
<b>Brand</b>	Medix Biochemica
<b>Form/Appearance</b>	Liquid, may turn slightly opaque during storage
<b>Concentration</b>	5.0 mg/ml (+/- 10 %)
<b>Storage</b>	+2-8°C
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Epitope</b>	N/D
<b>Purity</b>	≥ 95 %
<b>Affinity constant</b>	$KA = 5.7 \times 10^9$ 1/M; $KD = 2.2 \times 10^{-10}$ M (= 0.22 nM)
<b>Associated Products</b>	Recombinant SARS-CoV-2 N antigen, Medix Biochemica 710081, 710082 and 710083.
<b>Buffer</b>	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN <sub>3</sub> as a preservative
<b>IEF Profile</b>	5.3-5.9
<b>Cross Reactivity</b>	Recognizes SARS-CoV-2 B.1.1.7 and B.1.617.2 variants and B.1.1.529 sublineages BA.2, BA.4 and BA.5.     Does not recognize SARS-CoV N, MERS-CoV N, HCoV OC43 N, HCoV 229E N, HCoV HKU1 N or HCoV NL63 N.
<b>Specificity</b>	Antibody recognizes SARS-CoV-2 nucleocapsid protein
<b>Shelf Life</b>	Unspecified