

Product Datasheet

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

Product Name	Anti-SARS-CoV-2 N 3507 SPTN-5
Catalog Number	100948
Description	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
Tested Applications	FIA
Brand	Medix Biochemica
Form/Appearance	Liquid, may turn slightly opaque during storage
Concentration	5.0 mg/ml (+/- 10 %)
Storage	+2-8°C
Isotype	IgG1
Clonality	Monoclonal
Epitope	N/D
Purity	≥ 95 %
Affinity constant	$KA = 5.7 \times 10^9$ 1/M; $KD = 2.2 \times 10^{-10}$ M (= 0.22 nM)
Associated Products	Recombinant SARS-CoV-2 N antigen, Medix Biochemica 710081, 710082 and 710083.
Buffer	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN ₃ as a preservative
IEF Profile	5.3-5.9
Cross Reactivity	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.
Specificity	Antibody recognizes SARS-CoV-2 nucleocapsid protein
Shelf Life	Unspecified