

Product Datasheet

Anti-SARS-CoV-2 N 3510 SPTN-5 100952

Product Name	Anti-SARS-CoV-2 N 3510 SPTN-5
Catalog Number	100952
Description	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
Species/Host	Mouse
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	Mouse IgG1
Clonality	Monoclonal
Epitope	Not determined
Purity	≥ 95 %
Affinity constant	$K_A = 1.3 \times 10^{10} \text{ 1/M}$; $K_D = 8.6 \times 10^{-11} \text{ M}$ (= 0.09 nM)
Buffer	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN ₃ as a preservative
IEF Profile	6.1-6.6
Cross Reactivity	Recognizes SARS-CoV-2 B.1.1.7, B.1.617.2 and B.1.1.529 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