

SARS-CoV-2 nanoMIP

Beta Product

Product Description

Product code:	COV1001-B
Specificity:	SARS-COV-2 Spike Protein Receptor Binding Domain
Target epitope:	Imprinted against a peptide specific to the Receptor Binding Domain (RBD) of the SARS-COV-2 coronavirus Spike Protein
Size distribution:	nanoMIP particles with mean diameter circa 60nm
Concentration:	> 0.1 mg/ml
Product presentation:	nanoMIPs in deionised water with Proclin 300 (0.05% v/v) preservative, clear pale-yellow solution

Functionality

Affinity constant KD:	KD = 2-18 x 10 ⁻⁹ M (as determined using BiaCore T200)
Determination antigen:	SARS-COV-2 Spike Glycoprotein (S1), SHFc-Tag HEK293 (recombinant, Native Antigen Company)
Surface functionality:	Amine groups

Applications

Tested applications:	Sensors, Dot Blot
Capability:	In-field testing, room temperature stored test

Product Handling

Storage:	Shipped at room temperature and store at 2-8°C
Safety:	Refer to SDS – not considered hazardous, no biological content
Stability:	Minimum 1 year at 2-8°C (real-time)

Legal disclaimer: Research use only. Commercial use requires license. Specifications listed are based on current analytical methods. Analytical methods may change in the future. MIP Discovery's products meet their specifications if transported, stored and used according to the instructions.