Spike S2 protein-coupled magnetic Beads

Cat. No. Spike-4125M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Sars-CoV-2
Source	HEK293
ProteinLength	Ser 686 - Pro 1213(F817P, A892P, A899P, A942P,K986P,V987P)
Appearance	Powder mixture
Particle size	2 μm
Coupled amount of protein	≈585 pmol (36 μg) Spike S2/mg beads
Capacity	>100 pmol (15 μg) Anti-Spike S2 antibody/mg beads
Formulation	PBS, pH7.4, with 10% Trehalose
Reconstitution	2 mL sterile deionized water (1 mg beads/mL)
Background	The SARS-CoV-2 Spike S2-coupled Magnetic Beads is produced by coupling biotinylated SARS-CoV-2 spike S2 protein to streptavidin-conjugated magnetic beads. Because Streptavidin (SA) has an extraordinarily high affinity for biotin with a dissociation constant (Kd) on the order of 10-14 mol/L, the biotinylated protein can bind to the SA beads irreversibly. The pre-coupled beads are ready to use for

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	capturing anti-SARS-CoV-2 antibody or ACE2 protein from your sample with high specificity.
Application	This product is intended for immunocapture, biopanning and flow cytometry. This product is produced non-sterile.
Storage	Upon receipt, please store the Beads at -20°C for 1 year in lyophilized state.

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