Active Spike RBD protein-coupled magnetic Beads

Cat. No. Spike-4922M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Sars-CoV-2
Source	HEK293
ProteinLength	Arg 319 - Phe 541
Appearance	Powder mixture
Particle size	2 μm
Bio-activity	Immobilized 40 μg SARS-CoV-2 S protein RBD to 1mg Beads, can bind the Anti-SARS-CoV-2 Spike S1 Antibody with an EC50 of 0.8887 μg/mL.
Coupled amount of protein	≈1254 pmol (36 μg) Spike RBD/mg Beads
Capacity	>40 μg anti-SARS2-CoV-2 Spike S1 antibody/mg beads; >40 μg ACE2 protein / mg beads
Formulation	PBS, pH7.4, with 10% Trehalose
Reconstitution	2 mL sterile deionized water (1 mg beads/mL)
Background	The pre-coupled magnetic beads coupled with biotinylated SARS-CoV-2 Spike RBD

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	protein to streptavidin conjugated magnetic beads, which can capture the Anti-SARS-CoV-2 antibody or ACE2 protein from cell or serum sample. The beads are in uniform size, narrow size distribution with large surface area and unique surface coating, which can help you get the best performance and highly reproducible results. This very first SARS-CoV-2 Spike protein RBD-coupled magnetic beads will bring great convenience with minimum non-specific binding and developed protocols. This ready to use products could greatly save your time and hassle.
Application	This product is intended for immunocapture, biopanning and flow cytometry. This product is produced non-sterile.
Storage	Upon receipt, please store the lyophilized beads at -20°C for long term storage. The shelf life is 1 year at -20°C in lyophilized form.

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