

Active Spike Trimer (D614G) protein-coupled magnetic Beads

Cat. No. Spike-4124M **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Sars-CoV-2
Source	HEK293
ProteinLength	Val 16 - Pro 1213(D614G, R683A, R685A)
Appearance	Powder mixture
Particle size	2 µm
Bio-activity	Immobilized 26.7 µg Spike Trimer (D614G) protein to 1 mg Beads, can bind the Anti-SARS-CoV-2 RBD Potent Neutralizing Antibody, Chimeric mAb, Human IgG1 with an EC50 of 0.5424 µg/mL.
Coupled amount of protein	≈179 pmol (25 µg) Spike Trimer (D614G)/mg Beads
Capacity	>133 pmol (20 µg) antibody/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

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trimer(D614G) 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 trimer(D614G) protein-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 Beads at -20°C for 1 year in lyophilized state.

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