

Active Spike RBD Antibody-coupled magnetic Beads

Cat. No. Spike-4122M **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Sars-CoV-2
Appearance	Powder mixture
Particle size	2 µm
Bio-activity	Immobilized 73.1 µg Anti-RBD antibody/1mg beads can bind SARS-CoV-2 Spike RBD with an EC50 of 0.4705 µg/mL.
Coupled amount of protein	≈972 pmol (73.1 µg) Anti-RBD antibody/mg beads
Capacity	>192 pmol (10 µg) Spike RBD/mg beads
Formulation	PBS, pH7.4, with 10% Trehalose
Reconstitution	2 mL sterile deionized water (1 mg beads/mL)
Background	The Human Anti-SARS-CoV-2 Spike RBD Antibody-coupled Magnetic Beads is produced by coupling biotinylated anti-RBD antibody to streptavidin-conjugated magnetic beads. The pre-coupled beads are ready to use for capturing spike protein from your sample with high specificity. The uniform size and large surface-to-volume ratio of the beads ensure highly efficient immunocapture in a simple, fast and convenient workflow with high reproducibility of data.

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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. The shelf life is 1 year at -20 °C.

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