

Active Nucleocapsid protein-coupled magnetic Beads

Cat. No. N-8657M **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Sars-CoV-2
Source	HEK293
ProteinLength	Met 1 - Ala 419
Appearance	Powder mixture
Particle size	2 µm
Bio-activity	Immobilized 49 µg SARS-CoV-2 Nucleocapsid protein to 1 mg Beads can bind the Anti-SARS-CoV-2 Nucleocapsid Antibody with an EC50 of 0.6712 µg/mL.
Coupled amount of protein	≈939 pmol (46 µg) Nucleocapsid protein/mg beads
Capacity	>130 pmol (20 µg) Anti-Nucleocapsid 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 Nucleocapsid protein to streptavidin conjugated magnetic beads, which can capture

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

the Anti-SARS-CoV-2 antibody 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 Nucleocapsid 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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