

Absolute Mag™ SARS-CoV-2 Spike S1 protein Conjugated Magnetic Particles

Cat.No: WHM-AB04

DESCRIPTION

Description	Absolute Mag™ SARS-CoV-2 Spike S1 protein Conjugated Magnetic Particles (# WHM-AB04 #) are obtained by coupling the biotinylated SARS-CoV-2 Spike S1 protein to streptavidin conjugated magnetic particles, which can capture the Anti-SARS-CoV-2 antibody or ACE2 protein from cell or serum sample and easily to follow up with other tests, such as immunocapture, biopanning and flow cytometry. These magnetic particles will be supplied as lyophilized powder (from 0.22 µm filtered PBS pH7.4 including 0.05% Tween-20 and 10% trehalose).
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PRODUCT INFORMATION

Particle Size	2 µm
Ligand	SARS-CoV-2 Spike S1 protein
Concentration	N/A
Species Reactivity	SARS-CoV-2
Usage Statement	a) Reconstitute the magnetic particles, wash the particles and suspended to 1 mg/mL by ultrapure water. b) Add your antibody or ACE-2 protein to the particles, incubation and wash the particles.
Binding Capacity	>40 µg anti-SARS2-CoV-2 Spike S1 antibody/mg particles; >20 µg ACE2 protein/mg particles
Surface Group Density	>318 pmol (25 µg) Spike S1/mg particles

STORAGE AND SHIPPING

**Storage**

Upon receipt, please store the particles at -20°C for 1 year in lyophilized state. Once the particles reconstitution, please use it immediately. Do not to freeze thaw the particles after reconstitution.
