

# Absolute Mag™ SARS-CoV-2 Spike Trimer Conjugated Magnetic Particles, 2 µm

Cat.No: WHM-AB19

## DESCRIPTION

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Absolute Mag™ SARS-CoV-2 Spike Trimer Conjugated Magnetic Particles (# WHM-AB19 #) are obtained by coupling the biotinylated SARS-CoV-2 Spike trimer protein to streptavidin conjugated magnetic particles, which can capture the Anti- SARS-CoV-2 antibody or ACE2 protein from cell or serum sample. The SARS-CoV-2 Spike trimer protein, His Tag, Super stable trimer (SPN-C52H9) is the ectodomain of SARS-CoV-2 S protein which contains AA Val 16 - Pro 1213. These magnetic particles will be supplied as lyophilized powder (PBS pH7.4, with 10% trehalose), and this product is produced non-sterile.

## APPLICATION

### Application Notes

Immunocapture, biopanning and flow cytometry

## PRODUCT INFORMATION

Particle Size	2 µm
Ligand	SARS-CoV-2 Spike Trimer Protein
Concentration	N/A
Usage Statement	a) Reconstitute the magnetic particles, wash the particles and suspended to 1 mg/mL by ultrapure water. b) Add the specific antibody to the particles, incubation and wash the particles.
Binding Capacity	>133 pmol (20 µg) antibody/mg particles
Surface Group Density	>215 pmol (30 µg) Spike Trimer/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.

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