



# Absolute Mag™ SARS-CoV-2 Spike Trimer Conjugated Magnetic Particles, 2 $\mu$ m

Cat.No: WHM-AB19

## DESCRIPTION

**Description** 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

<b>Particle Size</b>	2 $\mu$ m
<b>Ligand</b>	SARS-CoV-2 Spike Trimer Protein
<b>Concentration</b>	N/A
<b>Usage Statement</b>	<ol style="list-style-type: none"><li>Reconstitute the magnetic particles, wash the particles and suspended to 1 mg/mL by ultrapure wate.</li><li>Add the specific antibody to the particles, incubation and wash the particles.</li></ol>
<b>Binding Capacity</b>	>133 pmol (20 $\mu$ g) antibody/mg particles
<b>Surface Group Density</b>	>215 pmol (30 $\mu$ g) 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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