

## Absolute Mag™ BSA Magnetic Particles, 8 µm

Cat.No: WBM-M013

### DESCRIPTION

<b>Description</b>	Absolute Mag™ BSA Magnetic Particles, 8 µm are magnetic polystyrene matrix particles provided with covalently bound bovine serum albumin (BSA), which makes these particles more hydrophilic and biocompatible. At the same time, similar particles with HAS on the surface are achievable if requested. These protein-coated particles can be easily separated with permanent magnets. The supplying system is PBS buffer (pH=7.4) with 0.02 % sodium azide.
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### PRODUCT INFORMATION

<b>Particle Size</b>	8 µm
<b>Ligand</b>	BSA
<b>Concentration</b>	25 mg/mL
<b>Number of Particles</b>	8.5E+7 particles/mL
<b>Matrix</b>	Polystyrene
<b>Binding Capacity</b>	300 ng albumin (BSA) / mg particle
<b>Density</b>	1.1 g/ccm
<b>Magnetization</b>	3.1 Am <sup>2</sup> /kg particles (H = 80 kA/m)
<b>Saturation Magnetization</b>	> 3.8 Am <sup>2</sup> /kg particles (H> 800 kA/m)

### STORAGE AND SHIPPING

<b>Storage Buffer</b>	PBS (0.02 % sodium azide).
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<b>Stability</b>	Stable in aqueous buffers pH> 4. Not stable in organic solvents, acidic solutions pH < 4.
<b>Storage</b>	Storage at 2-8°C.
<b>Shelf Life</b>	3 months