Absolute Mag™ Avidin Magnetic Polystyrene Particles, 10 µm

Cat.No: WHM-G157

DESCRIPTION

Description	Absolute Mag™ Avidin Magnetic Polystyrene Particles, 10 µm (# WHM-G157) are monodisperse magnetic particles, consisting of magnetite around an organic matrix of a polystyrene polymer, and finally coated with a polymer layer for the encapsulation of magnetite. These particles are designed with covalently bound avidin on the surface for binding of biotinylated molecules with a high affinity. These magnetic particles can easily be separated with a conventional permanent magnet.

PRODUCT INFORMATION

Particle Size	10 µm
Ligand	Avidin
Concentration	25 mg/mL
Number of Particles	4.4E+7 particles/mL
Matrix	Polystyrene
Surface Group Density	200 ng avidin/mg particles
Density	1.1 g/ccm
Magnetization	1.8 Am2/kg particles (H = 80 kA/m)
Saturation Magnetization	> 2.1 Am2/kg particles (H> 800 kA/m)

STORAGE AND SHIPPING

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@cd-bioparticles.com
Tel: 1-631-633-6938 Fax: 1-631-938-8221

Storage Buffer	Suspension in PBS (0.02 % sodium azide).
Stability	Stable in aqueous buffers pH> 4. Not stable in organic solvents, acidic solutions pH < 4.
Storage	Storage at 2 - 8 °C for 3 months.
Shelf Life	When stored as specified the product is stable for three months.

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