



Magrose Magnetic Particles-OH

PRODUCT DATA SHEET

Magrose Magnetic Particles-OH

Description

Magrose Magnetic Particles-OH is a novel type of magnetic particle formed by combining natural polymer material agarose with superparamagnetic material. Compared with traditional Magnetic Particles, Magrose Magnetic Particles-OH has fast magnetic responsiveness in solution, while maintaining good dispersibility, extremely low non-specific adsorption, and richer binding sites. Being able to covalently couple biological ligands such as antibodies, peptides, proteins, and oligonucleotides to the surface of magnetic beads under the action of special chemical reagents. Is the preferred material for separation and purification.

Abvigen Inc can provide high-quality Magrose Magnetic Particles-OH beads of various particle sizes (10 μ m - 150 μ m), which can meet the personalized material needs of various customers in research and development, testing, production, and consumption.

For custom sizes, formulations or bulk quantities please contact our customer service department.

Website: www.abvigen.com **Phone:** +1 929-202-3014 **Email:** info@abvigenus.com

Characteristics

Type: Magrose Magnetic Particles

Diameter: 10 μ m - 150 μ m

Concentration: 50 mg/ml

Surface: Hydroxyl

Size: 5 ml or other size

Buffer: DI water, 0.05% NaN₃, 0.01% tween 20

Shelf life: 12 months

1378 US-206 Ste 6-126, Skillman, NJ USA

info@abvigenus.com

Tel: 1-816-388- 0112 Fax: 1- 888-616-0161

Reserved

Email:

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Storage

This product should be stored at 4°C. **DO NOT FREEZE.**

For 50 mg/ml of Fluorescent PS Magnetic Particles

Diameter	Conc. mg/ml	Particles/mg	Particles/ml	Diameter	Conc. mg/ml	Particles/mg	Particles/ml
10 um	50	1.74E+06	8.68E+07	150 um	50	5.14E+02	2.57E+04
30 um	50	6.43E+04	3.22E+06				

Advantages

Stable performance

Superparamagnetism

Short magnetic response time

Uniform particle size

Good operational performance

Uniform dispersion of magnetic beads

Applications

Biological ligand fixation

Protein purification

Adsorbent

Nucleic acid extraction

Magnetic resonance imaging

Ordering Information

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