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Magnefy[™] Magnetic Microspheres

DESCRIPTION

Meet the newest addition to our family of magnetic particles–Magnefy™ ~1µm carboxylated superparamagnetic microspheres. As high surface area / high surface titer microparticles with a rapid separation profile, Magnefy offer an additional performance-driven solid phase for magnetic particle-based assays and isolations, particularly SPRI-based total DNA isolation.

Magnefy particles comprise a synergistic system featuring ~1 μ m spheroid particles with tremendous surface area for assays and isolations. The Magnefy system offers uniform magnetic separations, and is scaleable and automation-friendly.

CHARACTERISTICS

Mean Diameter:	~1µm
Functionality / Surface:	СООН, ~500µеq/g
Concentration:	5% solids (50mg/mL) in DI water + 0.05%NaN _a
Magnetite:	~40%

STORAGE AND STABILITY

Store at 2-8°C. Freezing of particles may result in irreversible aggregation and loss of binding activity. Ensure that the susension is well dispersed prior to use, as particles are expected to settle during storage.

SAFETY

All particle suspensions contain sodium azide. Sodium azide may react with lead and copper plumbing to form explosive metal azides. Upon disposal of material, flush with a large volume of water to prevent azide accumulation. Please consult the Safety Data Sheet for more information.

This product is for research use only and is not intended for use in humans or for *in vitro* diagnostic use.

ORDERING INFORMATION

Cat. Number	Description	Size
26410	Magnefy™ • COOH	5, 10, 25 or 100mL



Should any of our materials fail to perform to our specifications, we will be pleased to provide replacements or return the purchase price. We solicit your inquiries concerning all needs for life sciences work. The information given in this bulletin is to the best of our knowledge accurate, but no warranty is expressed or implied. It is the user's responsibility to determine the suitability for their own use of the products described herein, and since conditions of use are beyond our control, we disclaim all liability with respect to the use of any material supplied by us. Nothing contained herein shall be construed as a recommendation to use any product or to practice any process in violation of any law or any government regulation.