

Magnetic Microspheres

Product Number: MB0308C

Product Description

MB0308C are polydisperse ferrimagnetic beads, ~400nm in diameter. The beads are composed of magnetic material and polymer layer. The magnetic materials are coated with polymer and presenting a bead surface with optimized carboxyl-like chemistry. The magnetic beads ensure rapid magnetic mobility and efficient isolation of nucleic acids (DNA/RNA). The beads also feature a low sedimentation rate and favorable reaction kinetics, making them particularly suited for automated assays.

Description of Materials

1. Diameter:~400nm
2. Structure:Polymer/Fe₃O₄
3. Surface group:-COOH
4. Additives:Trace surfactants
5. Bead Color:Brownish yellow

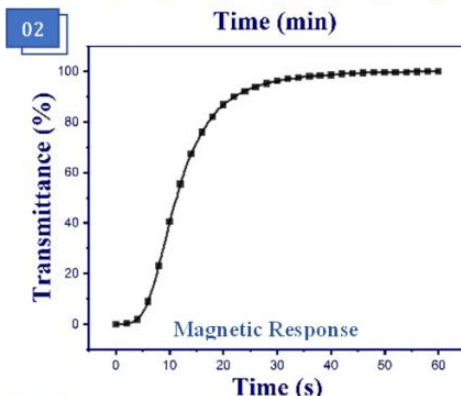
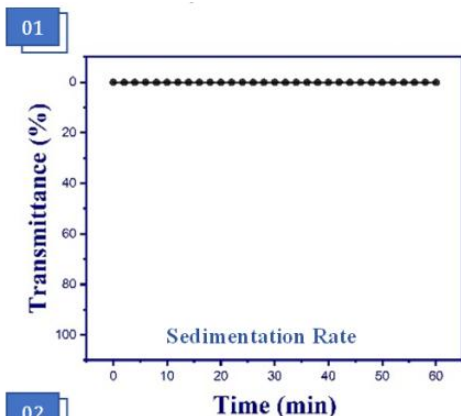
Storage and Stability

Store at 2°C to 25°C for three years.

Recommended application

Viral nucleic acid extraction, whole blood genome, viral RNA, swab (pharyngeal swab, saliva HPV, feces), PCR product purification

Physical and Chemical Properties



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Specific surface area ~60m²/g



Tinzyme Co., Limited

Email: sales@tinzyme.com

Website: www.tinzyme.com

Tel: +86-755-86134126

WhatsApp/Facebook/Twitter: +86-189-22896756

Limited Product Warranty

Freezing, drying, centrifuging, etc. of the product may cause irreversible agglomeration of the microspheres, resulting in decreased bio-application performance.