

Magnetic Microspheres

Product Number: MB02HA

Product Description

MB02HA is a core-shell structure and polydisperse magnetic microspheres, which uses magnetic materials as the core, and the surface is coated with silicon hydroxyl groups. The product has fast magnetic response speed, excellent suspension, and outstanding hydrophilicity and nucleic acid capture ability. MS02HA is highly efficient in extracting nucleic acids from viruses, pseudovirus particles and small fragments. It is suitable for a variety of sample types, suitable for automated nucleic acid extraction, and is an ideal choice for biological sample purification.

Description of Materials

1. Diameter: ~150nm
2. Structure: SiO₂/Fe₃O₄
3. Surface group: -OH
4. Additives: Trace surfactants
5. Disperse medium: DI water

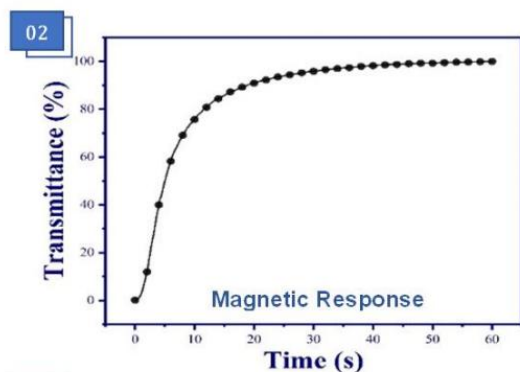
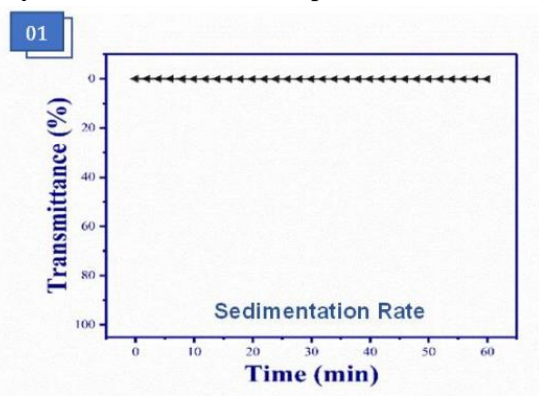
Storage and Stability

Store at 2°C to 25°C for three years.

Recommended application

Extraction of viruses, pseudoviral particles, small fragments of nucleic acids

Physical and Chemical Properties



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Specific surface area 70~90m²/g



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Limited Product Warranty

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