

Magnetic Microspheres

Product Number: MB200H

Product Description

MB200H are polydisperse ferrimagnetic beads, ~1.5 μ m in diameter. The beads are composed of silica and magnetic material. The magnetic materials are coated with silica and presenting a bead surface with optimized silica-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(DLS): ~ 1.5 μ m
2. Structure:SiO₂/Fe₃O₄
3. Surface group:-OH
4. Additives:Trace surfactants
5. Bead Color:Brownish Black

Storage and Stability

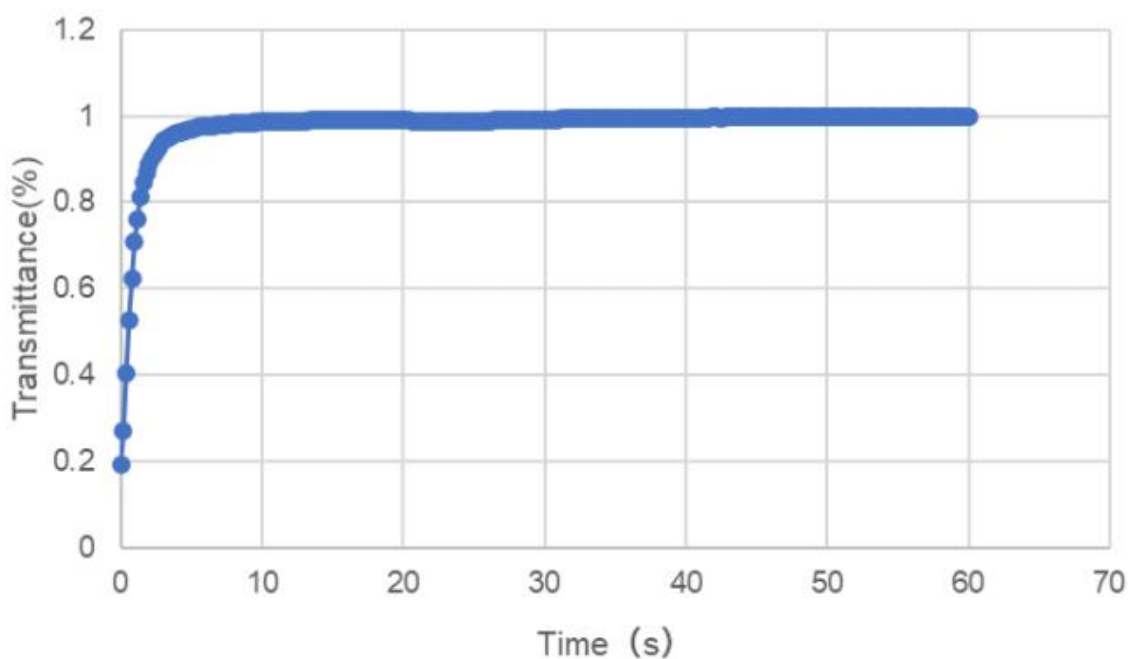
Store at 2°C to 25°C for three years.

Description of Materials

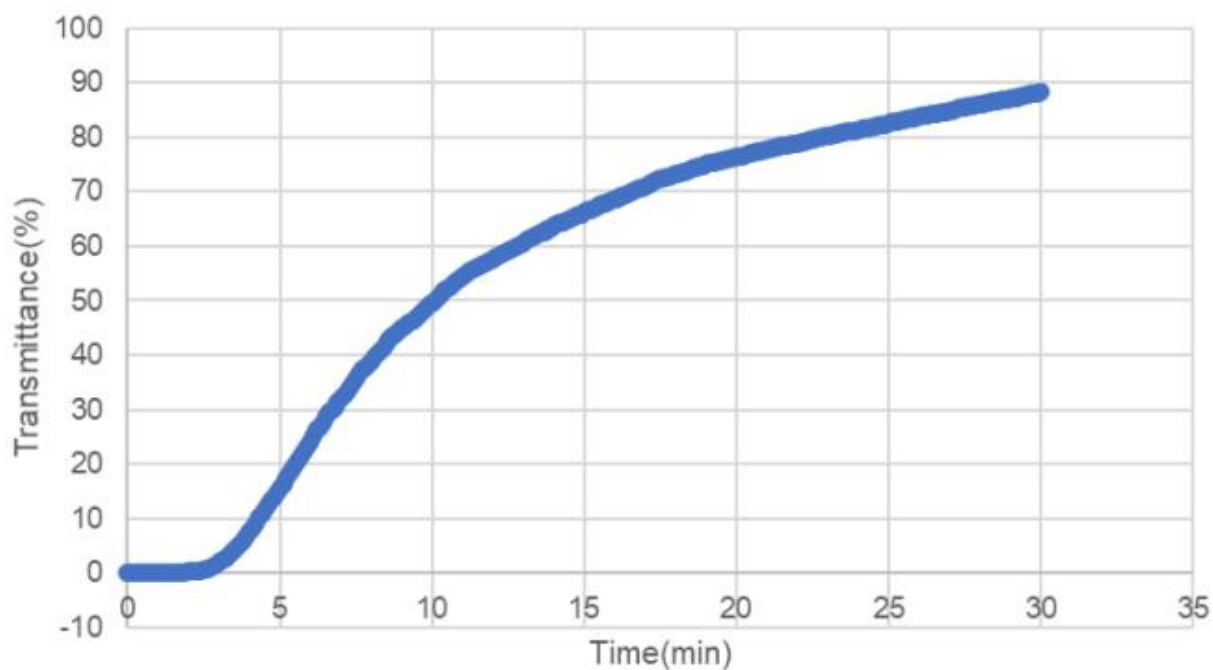
cfDNA, viral nucleic acid extraction, whole blood genome (sputum)

Physical and Chemical Properties

1. Magnetic Response



2. Sedimentation Rate

**Limited Product Warranty**

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