

Magnetic bead

Product Number: MB600H

Storage and Stability

Store at 2°C to 25°C for three years.

Product Description

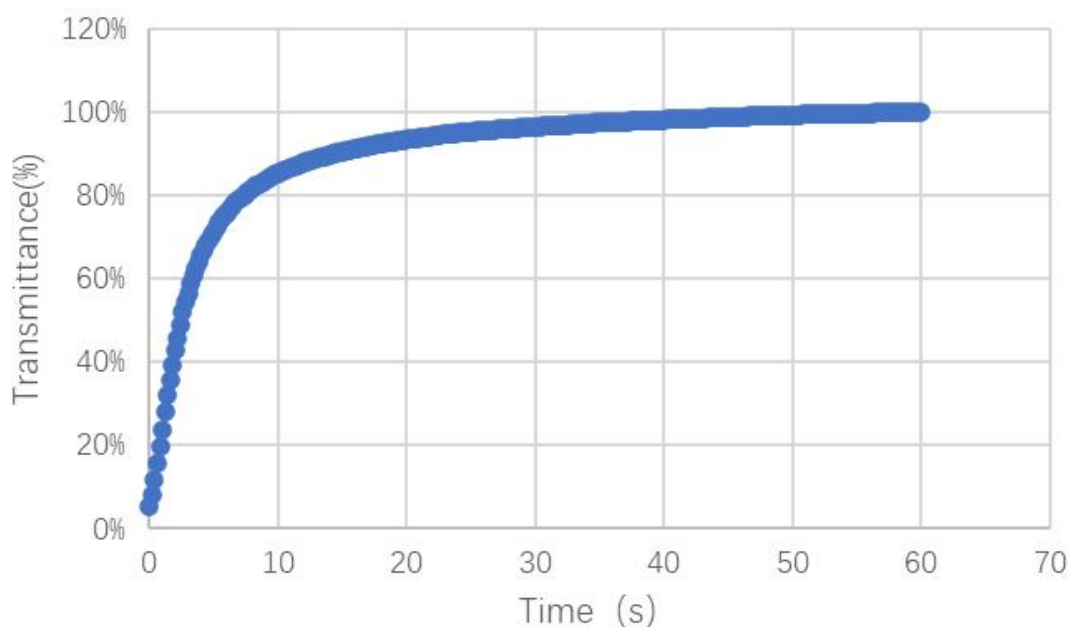
MB600H are polydisperse ferrimagnetic beads, consisting of a large number of magnetic core clusters. 0.5~1.5 μ m in diameter. The magnetic materials are coated with silica and presenting a bead surface with optimized silica-like chemistry. The magnetic beads ensure rapid magnetic mobility and efficient 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

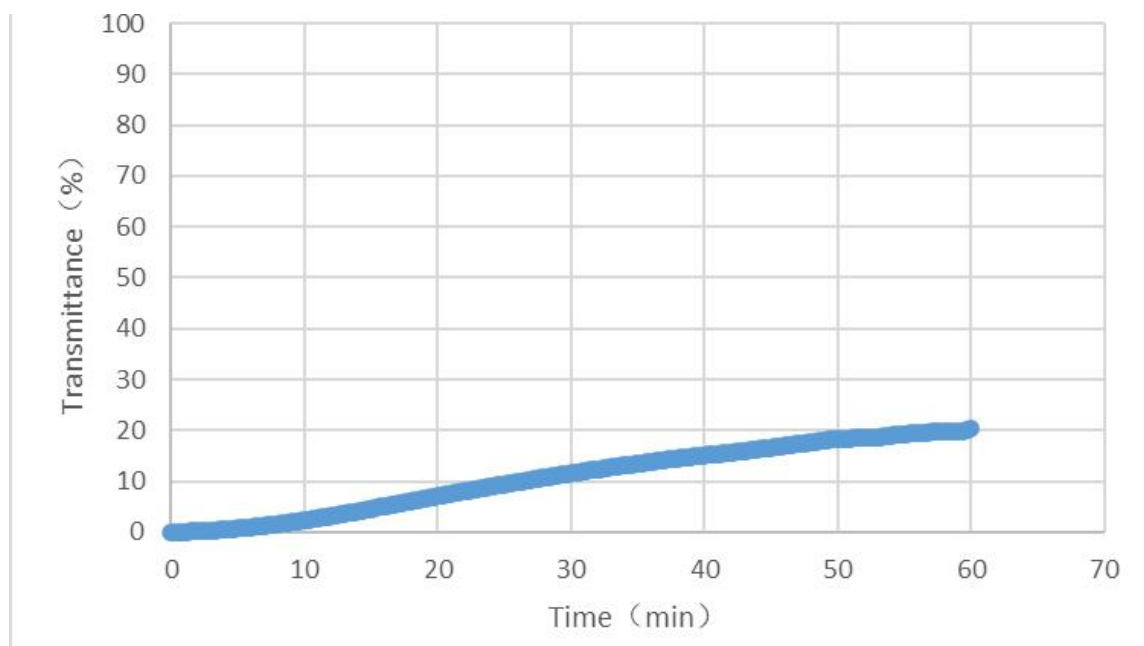
1. Diameter(DLS): 0.5~1.5 μ m
2. Structure : SiO₂/Fe₃O₄
3. Surface group: -OH
4. Additives: Trace surfactants
5. Bead Color: Black

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.