

Fe₂O₃ Magnetic Particles

DESCRIPTION

The surface of magnetic Particles can be chemically modified to bind a series of different chemical functional groups and specific antibodies/proteins/nucleic acids. It can be used in nucleic acid purification, cell screening, immunoassays and many other fields. It is an indispensable separation and purification tool in medical and molecular biology research.

Beijing Biotyscience Co. Ltd provides high-quality Fe₂O₃ magnetic Particles of different sizes.

PRODUCT INFORMATION

Type	Magnetic Particles
Concentration	10 mg/ml or other
Core	Fe ₂ O ₃
Surface	Amine/Carboxyl/Epoxy/SiOH
Diameter	100 nm - 5 um
Buffer	PBS
Size	10 ml or other size

Storage

Stored at 2 - 8°C. Do not freeze. Protect from light.

Advantage

Fast magnetic response

Highly uniform particle size

Small differences between batches, high repeatability

Good light transmission

High thermal stability

Magnetic stability, not easy to lose, can be stored for a long time

Monodisperse magnetic particles with size ranging from 100 nm to 5 um are provided, and magnetic microspheres with special particle sizes or surface groups can also be prepared according to customer requirements.

Application

Nucleic acid purification

Cell screening

Immunoassays

Storage

Store product away from direct sunlight at 2-8 ° C.

Do NOT freeze. Freezing causes irreversible aggregation of the gold nanoparticles.

Note

Operations such as freezing, drying and centrifugation will cause the magnetic beads to agglomerate, which is not easy to resuspend and disperse, and may affect the chemical activity of the functional groups on the surface of

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the magnetic beads.

The magnetic beads have a high density and are easy to sink when left standing for a long time. Therefore, please shake well before use to obtain a uniform magnetic bead suspension.

Contact Us

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