

Carboxyl Dextran Magnetic Particles

Cat No: BMB-0015-D

DESCRIPTION

Dextran is a generic term for a family of glucans made by polymerization of the α -d-glucopyranosyl moiety of sucrose in a reaction catalyzed by the enzyme dextransucrase. The common feature is a preponderance of (1 \rightarrow 6)-linked α -d-glucopyranosyl units.

The stability and functionality of dextran-coated magnetic particles can be improved by the introduction of various groups such as carboxymethyl cross-linked to epichlorohydrin to make cross-linked iron oxide particles (CLIOs), which are more stable than dextran-coated SPIONS of the same size.

PRODUCT INFORMATION

Type	Magnetic Particles
Concentration	10 mg/ml or other
Core	Fe ₃ O ₄
Surface	COOH
Diameter	15 nm
Buffer	DI water
Size	5 ml or other size
Storage	Stored at 2 - 8°C. Do not freeze. Protect from light.

Advantage

Fast magnetic response

北京百欧泰生物科技有限公司

Tel: 400-669-8850 Email: info@biotyscience.com

Address: 北京市房山区良乡凯旋大街建设路 18 号

Highly uniform particle size
Small differences between batches, high repeatability
Good biocompatibility
Low cytotoxicity
Convenient to couple with a variety of biomolecules
Simple operation

Application

Targeted drugs
Bioactive substance detection
Sample enrichment and separation

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 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

QQ: 499854788

3494243873

WeChat: 13681256816; 15511114213

Email: info@biotyscience.com

Tel: 400-669-8850

15511114213; 13681256816