

Cat. No. MF-DEX-3000

## Qbeads-Hydroxyl

### Product description

Qbeads-Hydroxyl is the magnetic bead with hydroxyl groups -OH. The magnetic beads consist of single-crystal  $\text{Fe}_3\text{O}_4$  sphere core coated with dextran dispersed in PBS solution. The structure of dextran provides a lot of hydroxyl groups -OH and this hydrophilic surface ensures the magnetic beads excellent dispersion ability and easy handling property in a wide variety of buffers. The beads are available for you to achieve rapid and efficient biomagnetic separation and ensure reliable and reproducible results.

### Specifications

- I. Core material:  $\text{Fe}_3\text{O}_4$
- II. Surface coating: Dextran
- III. Particle size:  $\sim 1 \mu\text{m}$
- IV. Concentration: 8 mg-Fe/mL ( 0.3 emu/g )
- V. Buffer: Phosphate buffered saline pH-7.4 with 0.09% Sodium Azide and 0.02% Tween-20.

### Storage

Please keep the reagent at 2-8 °C. The validity is warranted for 12 months.

### Contact Information

Please contact us when you have any question or comments via e-mail: [info@magqu.com](mailto:info@magqu.com), or phone: +886-2-8667-1897.

### Remarkable Notes

1. Please keep the reagent away from magnets during storage.
2. Do not freeze.
3. Qbeads- Hydroxyl is for research use only.



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# Product Information

## Magnetic Qbeads Series

Products	Cat. No.
Qbeads-Protein A	MF-PRA-3000
Qbeads-Protein G	MF-PRG-3000
Qbeads-NTA-Ni	MF-HIS-3000
Qbeads-Streptavidin	MF-STA-3000
Qbeads-Silica	MF-SIL-5010 MF-SIL-5024
Qbeads-Hydroxyl	MF-DEX-3000
Qbeads-Carboxyl	MF-COO-3000
Qbeads-Amine	MF-NHH-3000
Qbeads-Carboxyl Labeling Kit	KT-COO-3000-5SE

## Accessory

Products	Description	Cat. No.
Magdorf	for 1.5 ml eppendorf tube	MDF-08
	for magnetic separating column	MSD-01
Magstand	for 15 ml falcon tube	MSD-15
	for 50 ml falcon tube	MSD-50
Magtractor	for 96-well culture plates	MTR-96
	for 24-well culture plates	MTR-24
	for 6-well culture plates	MTR-06

## Magnetic NanoParticle Series

Products	Particle size	Cat. No.
Magnetic Fluid- Hydroxyl	30 nm	MF-DEX-0030
	60 nm	MF-DEX-0060
	90 nm	MF-DEX-0090
Magnetic Fluid- Carboxyl	30 nm	MF-COO-0030
	60 nm	MF-COO-0060
	90 nm	MF-COO-0090
Magnetic Fluid- Amine	30 nm	MF-NHH-0030
	60 nm	MF-NHH-0060
	90 nm	MF-NHH-0090
NanoQ-Carboxyl Labeling Kit	60 nm	KT-COO-0060-1SE

## Fluorescent Magnetic Nanoparticles

Products	Particle size	Cat. No.
Blue FluoroNanoQ	60 nm	MF-FBL-0060
Green FluoroNanoQ	60 nm	MF-FGR-0060
Red FluoroNanoQ	60 nm	MF-FRE-0060

## Customized Conjugation Service

Products	Particle size	Cat. No.
<b>Customized conjugated magnetic beads</b>	3 $\mu$ m	MF-CCS-3000
	30 nm	MF-CCS-0030
Antibody or peptide provided by customers (100 ug)	60 nm	MF-CCS-0060
	90 nm	MF-CCS-0090



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