

NHS-Activated Magnetic Beads

MagDx – CAS 1317-61-9

Description

The AQM NHS-activated magnetic beads are uniform, silica-based superparamagnetic beads featuring a high density of NHS (N-hydroxy-succinimide) functional groups on the surface, which can react with primary amines on proteins or other molecules to form stable amide linkages. The NHS-activated magnetic beads are suitable for the affinity purification of antibodies, antigens and other biomolecules.



Features

- Excellent base for conjugation with primary amine-containing biomolecules
- Pre-activated for simple, one-step conjugation with target molecules
- Quick coupling in neutral pH (6.5-9)
- Fast magnetic response
- Excellent colloidal stability
- High binding capacity

Product Specifications

| | |
|-----------------------|------------------|
| Diameter | ~1 μm |
| Color | Dark brown |
| Storage buffer | 1X PBS (pH 7.4) |
| Typical concentration | 10 mg/mL |

Use and handling recommendations

Store at 2~8 °C, do not freeze or dry.

Vortex or sonicate prior to use to resuspend the NHS-activated magnetic beads.

[Contact us](#) for purchasing/customization options. AQM can tailor the surface chemistry to provide magnetic beads suitable for specific applications.

Characterization Data

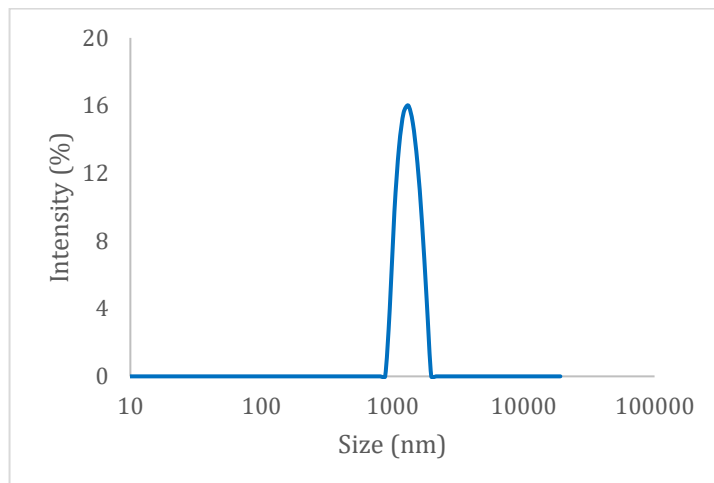


Figure 1. DLS size distribution of AQM NHS-activated magnetic beads.

Packaging and Shipping

Product size: 1 mL, 5 mL, and 20 mL solution in glass vials (bulk can be supplied upon request).

Shipping condition: Ambient temperature.