

## Streptavidin-Coupled Dynabeads®

**Store at 2 °C to 8 °C**

Rev. Date: March 2012 (Rev. 003)

### Product Description

Streptavidin-coupled Dynabeads® are used for magnetic separation and handling of biotinylated molecules in a wide range of assays and applications. The Dynabeads® act as a solid-phase with true liquid-phase kinetics, and is easily adapted to automated liquid-handling platforms.

Streptavidin-coupled Dynabeads® are uniform, monosized superparamagnetic beads, composed of highly cross-linked polystyrene with evenly distributed magnetic material. The beads are further coated, enclosing the iron oxide inside the beads. A monolayer of streptavidin is coupled to the surface, ensuring negligible streptavidin leakage. The lack of excess adsorbed streptavidin ensures batch consistency and reproducibility of results. The binding capacity for biotinylated molecules depends on the biotinylation procedure used, the size of the molecule, steric availability and charge interaction between bead and molecule and between molecules. Protocols should be optimized for your individual application/assay.

To allow full flexibility, a range of streptavidin-coupled Dynabeads® are available (e.g. 1 µm/2.8 µm bead diameter, hydrophobic/hydrophilic surface characteristics).

Visit [www.lifetechnologies.com/streptavidin](http://www.lifetechnologies.com/streptavidin) for an overview of our streptavidin-coupled Dynabeads®.

For information on the Cat. No. for this specific Streptavidin-Coupled Dynabeads®, refer to the product label.

### General Information

All Dynabeads® products hold reputable high standards with respect to monodispersity and reproducibility. Their many unique benefits, superior quality and unsurpassed reproducibility are renowned in the IVD market. Based on our extensive knowledge and intellectual property (IP), we are able to work with a wide range of customers and partners to develop and validate optimized Dynabeads® that meet their specific application and regulatory requirements.

### Storage and Stability

When stored in unopened vials at 2°C to 8°C, the product is stable until the expiry date printed on the label. Precautions should be taken to prevent bacterial contamination of opened vials.

### Limited Use Label License

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Manufactured by Life Technologies AS, Norway. Life Technologies AS complies with the Quality System Standards ISO 9001:2008 and ISO 13485: 2003.

### Limited Product Warranty

Life Technologies Corporation and/or its affiliate(s) warrant their products as set forth in the Life Technologies' General Terms and Conditions of Sale found on Life Technologies' website at [www.lifetechnologies.com/termsandconditions](http://www.lifetechnologies.com/termsandconditions). If you have any questions, please contact Life Technologies at [www.lifetechnologies.com/support](http://www.lifetechnologies.com/support).

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