

<b>Product</b>	<b>Capacity</b>	<b>Characteristics and Properties</b>	<b>Ideal for:</b>
Dynabeads® M-280 Streptavidin	Free biotin: 650 - 900 pmoles/mg beads.  Biotinylated Ig: 5-10 µg/mg beads.	Hydrophobic bead surface  Based on tosylactivated beads  Diameter: 2.8 µm  Size distribution: CV < 3%  BSA as blocking protein  Isoelectric point: pH 5.0  Low charge (-10 mV (at pH 7)  Iron content (Ferrites): 12% (17%)	Immunoassays/ Immunodiagnosics  Purification of DNA/RNA binding proteins  Protein purification  Phage display  Biopanning  Cell isolation
Dynabeads® MyOne™ Streptavidin T1	Free biotin: > 1,300 pmoles/mg beads.  Biotinylated Ig: 20 µg/mg beads	Hydrophobic bead surface  Based on tosylactivated beads  Diameter: 1.05 µm  Size distribution: CV < 3%  BSA as blocking protein  Isoelectric point: pH 5.0  Low charge (-10 mV (at pH 7)  Iron content (Ferrites): 26% (37%)  Low sedimentation rate and improved reaction kinetics compared to M-280/M-270 beads	Immunoassays/ Immunodiagnosics  Purification of DNA/RNA binding proteins  Protein purification  Phage display  Biopanning  Cell isolation  Well suited for automated applications
Dynabeads® M-270 Streptavidin	Free biotin: 650 - 1,350 pmoles/mg beads.  Biotinylated Ig: 5-10 µg/mg beads.	Hydrophilic bead surface  Based on carboxylic acid beads  Diameter: 2.8 µm  Size distribution: CV < 3%  No blocking proteins used  Isoelectric point: pH 4.5  Highly charged (-50 mV (at pH 7)  Iron content (Ferrites): 14% (20%)  Low aggregation of beads in high salt solutions	Sequence specific DNA/RNA capture in Nucleic Acid  Diagnostics.  Use in protocols that require GTC lysis or high salt concentrations.  Preparation of single- stranded DNA.  Immunoassays/Immunodiagn ostics with hydrophobic targets

<p>Dynabeads® MyOne™ Streptavidin C1</p>	<p>Free biotin: &gt; 2,500 pmoles/mg beads</p> <p>Biotinylated Ig: 15-20 µg/mg beads</p>	<p>Hydrophilic bead surface</p> <p>Based on carboxylic acid beads</p> <p>Diameter: 1.05 µm</p> <p>Size distribution: CV &lt; 3%</p> <p>No blocking proteins used Tween 20 in the buffer</p> <p>Isoelectric point: pH 5.2</p> <p>Medium charged (-35 mV (at pH 7))</p> <p>Iron content (Ferrites): 26% (37%)</p> <p>Low sedimentation rate and improved reaction kinetics compared to M-280/M-270 beads</p> <p>Low aggregation</p>	<p>Sequence specific DNA/RNA capture in Nucleic Acid diagnostics</p> <p>Preparation of single-stranded DNA</p> <p>High throughput nucleic acid clean up protocols</p> <p>Sample preparation of proteins for mass spectrometry</p> <p>Well suited for automated applications</p>
<p>Dynabeads® kilobaseBIN DER™ Kit</p>	<p>70 pmoles of a 4 kb biotinylated DNA fragment and 80 pmoles of a 10 kb fragment per mg beads</p>	<p>Contains Dynabeads® M-280 Streptavidin, a unique Binding Solution and a Washing Solution</p>	<p>Immobilization of long biotinylated DNA fragments (&gt;2 kb)</p> <p>Rapid, efficient and easy purification of nuclei from cytoplasm</p> <p>Chromatin isolation within minutes</p>
<p>Dynabeads® Biotin Binder</p>	<p>Processes 2 x 10E9 cells (PBMC) or 200 ml whole blood</p>	<p>For use with your own standard biotinylated antibodies</p> <p>Isolate cells from whole blood, buffy coat, PBMC, MNC or tissue digests</p>	<p>Depletion of one/multiple cell types from any sample from any species</p> <p>Positive cell isolation for molecular downstream applications (without cell release)</p>
<p>CELLlection® Biotin Binder Kit</p>	<p>Processes 2 x 10E9 cells (PBMC) or 200 ml whole blood</p>	<p>For use with your own standard biotinylated antibodies</p> <p>Streptavidin on the bead-surface is attached via a DNA linker, providing a cleavable site to release and remove the beads after isolation</p>	<p>Positive cell isolation and release</p> <p>Isolate any cell from any sample from any species</p>