

LifeSep™ 96DS

Biomagnetic Separator Device for 96 Well Microtiter Plates

Dexter's series of magnetic separators for single tubes are durable and easy-to-use.







Dexter's newly engineered line of microtiter plate magnetic separators have been designed with efficiency and the user in mind. For use in cell sorting, RNA and DNA isolation and purification of biomolecules, these separation devices offer fast and easy aspiration in part because of our innovative Neodymium-Iron-Boron (Nd-Fe-B) magnet configuration.

These units are designed to accommodate industry standard microtiter plates. Separation speeds remain virtually constant throughout entire fill volume assisted by multiple separation zones along the well axis.

Each separator performs the function of two to three single volumetrically optimized separators while increasing test speeds and lowering overall costs. Our LifeSep™ technology is simple and easy to use with the most established protocols.

- Fastest bead separation on the market
- Unique bead separation zone for increased aspiration space
- Bead separation travel distance cut in half
- Compatible with industry standard 384 well microtiter plates
- Dual side indentation for easy tray placement and removal
- Durable and corrosion resistant
- 425 magnet configuration, strongest



20 µl of 1:10 Diluted 4.6 µm Beads—Top View		
LifeSep™ 384S	Competitor A	Competitor B
		
Elapsed Time: 4.6 seconds (~10%-20% faster)	Elapsed Time: 5.1 seconds	Elapsed Time: 5.9 seconds
20 µl of 1:50 Diluted 1.0 µm Beads—Top View		
LifeSep™ 384S	Competitor A	Competitor B
		
Elapsed Time: 3.5 seconds (~68% Faster)	Elapsed Time: 11.2 seconds	Elapsed Time: 10.7 seconds

Multiple separation zones lead to a tighter bead capture along the side wall minimizing the risk of bead loss during aspiration when using LifeSep™ 384S.

Order online at dxtmagnetics.com or call (847) 956-1140



DEXTER MAGNETIC TECHNOLOGIES

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