

DEXTER LifeSep™

LifeSep™ 96F

Biomagnetic Separator Device for Well Microtiter Plates

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

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 (NdFeB) magnet configuration.

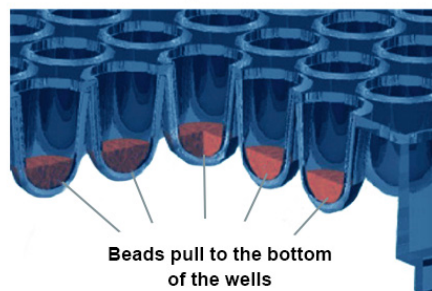
By placing the tube in to the separator, our unique magnet configuration quickly draws superparamagnetic particles away from the solution. Once separation is complete, and with the particles held firmly to the wall and off the bottom of the tube, the supernatant can be removed.

Our LifeSep™ technology is simple and easy to use with the most established protocols.

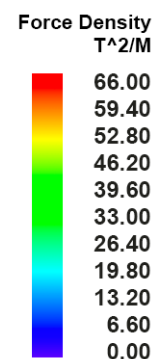
- NdFeB magnet configuration for optimal results
- Open-faced design for clear visibility
- Rapid separation of micro- and nanometer beads
- Easy aspiration or decanting
- Superior particle retention
- Removable base for easy cleaning
- Durable and easy to use

LifeSep 96F MX Part Number 2501008

Point of Separation



Force Density Plots



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



DEXTER MAGNETIC TECHNOLOGIES

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LifeSep™ 96F Product Characteristics

PART NO.	WELL PLATE QUANTITY	HEIGHT (mm)	WIDTH (mm)	DEPTH (mm)	WEIGHT (kg)
2501008-1	96	19	128	85	.54

CARE:

The LifeSep™ 96F can be cleaned with mild detergent but should not be submerged in aqueous solutions.

CAUTION - STRONG MAGNETIC FIELD:

Separators should be handled with care and stored at a safe distance from magnetic media including computer hard drives, disks and credit cards.

ABOUT LIFESEP™ :

Dexter Magnetic Technologies is the premier provider of biomagnetic separation devices with its patented LifeSep™ technology. In the most demanding process requirements, from nano-sized particle capture to continuous flow separation, we supply the technology for increased productivity.

Our technical focus enables us to understand protocols and bead separation systems. For new and existing products, we can collaborate on methods to improve rate of magnetic separation, improve wall retention, reduce cycle times and maximize yield. From single tube devices to tray units and automated solutions, we are your source for magnet expertise in separators.



	Tray Volume(s) (mL/well)	LifeSep™ Plates					
		96DR	96F	96P	96R	384F	384S
Product							
Bio-Rad Laboratories							
Hard-Shell® 384-Well PCR Microplate	.05					•	•
ddPCR™ 96-Well Semi-Skirted Plate	.25	•			•		
Multiplate™ 96-Well Unskirted PCR Plate	.20	•			•		
Hard Shell® 96-Well Full-Skirted Plate (HSP9601)	.20	•					
BrandTech Scientific							
96 Well Immunology Microplates	0.33-0.36		•				
96 Well Polypropylene & Deep Well Plates	0.30-2.20		•				
96 Well Cell Culture Microplates	0.33-0.36		•				
Greiner Bio-One							
96 Well Polypropylene Microplate	0.34-0.392		•				
96 Well Polystyrene Microplates	0.234-0.382		•				
96 Well Polystyrene Microplate, µClear®	0.392		•				
Suzhou Chanshow Biotechnology							
Square U deep Well Plate	1.6		•				