



## SpectraPor® Micro Float-A-Lyzer®



Micro Float-A-Lyzer® ready-to-use dialysis devices are all made with proprietary Biotech Grade CE dialysis tubing, preassembled with volume specific lengths of membrane tubing and designed to maximize convenience, ease-of-use and sample recovery.

### UNIQUE DESIGN

Tubular membrane for max surface area with incorporated air bladder, stand and interlocking pegs



### TOTAL SAMPLE RECOVERY

Syringe aspiration of clamp sealed membrane for 90-98% sample recovery



### BROAD MWCO RANGE

7 MWCO's from 0.1 - 100 kD for molecular selectivity from small peptides to large nanoparticles



### HIGH PURITY

Achieve 98% sample purity with Biotech CE membrane, no heavy metals and sulfides



### FEATURED APPLICATION

Drug Dissolution: Controlled release for dose determination

USP Apparatus 2 and 4 compatible

Designed for ultimate convenience, the Micro Float-A-Lyzer® significantly improves handling and dialysis of microliter volume samples. This ready-to-use dialysis device is constructed with high purity **Biotech Grade Cellulose Ester (CE) membrane** in 7 concise MWCOs from 0.1-100 kD for better molecular selectivity. The Luer® port and included syringe allow for easy loading, in-process testing and sample retrieval without risking needle punctures.

Biotech CE exhibits a fair chemical compatibility and tolerates pH 2-9 and temp 4-37 °C. Exposure to most organic solvents is not recommended and should be confirmed on the Repligen table.

## FEATURES

2 ready-to-use volume sizes (100-200  $\mu$ l and 400-500  $\mu$ l)

7 concise MWCO's for better separations & selectivity

High purity Biotech Cellulose Ester (CE) membrane

Included syringe and Luer sample port for easy access (no needles)

Self-standing, self-floating and interlocking



Salt, urea, surfactant and cesium removal

HPLC sample preparation

pH change, buffer exchange and final formulation

Purification of Protein, DNA, plasmids, macromolecules, nanoparticles and liposomes

Biopolymer purification and removal of monomers

Enzyme activity and ligand binding studies

DNA and Protein electroelution

## Product Specifications

<b>2 Volume Sizes</b>	<b>100-200 <math>\mu</math>l</b>	<b>400-500 <math>\mu</math>l</b>
<b>Height</b>	<b>4.4 cm</b>	<b>6.3 cm</b>
Width	4.5 cm	4.5 cm
Thickness	1.9 cm	1.9 cm
Membrane flat width	10 mm	10 mm
Membrane diameter	6.4 mm	6.4 mm

Why It Matters    Configurators    Related Products    Resources

3.5 - 5 kD	Black
8-10 kD	Yellow
20 kD	Red
50 kD	White
100 kD	Blue

Membrane type	<b><u>Biotech Grade Cellulose Ester (CE)</u></b>
PP Luer-Lok cap	Open and close for in-process sampling Color-coded for MWCO Leak proof and re-sealable
Body piece	Seals top/bottom ends of membrane Buoyant and self-orienting Polycarbonate
Potting	Polyurethane
Sample loading	1 ml syringe (included)
Packaging	12/package

## SpectraPor® Micro Float-A-Lyzer® Dialysis Device Part Numbers

MWCO	Color Code	100 - 200 µl	400 - 500 µl	Quantity
0.1 - 0.5 kD	Green	<b><u>F235049</u></b>	<b><u>F235061</u></b>	12/pkg