

96-Well DispoDialyzer (25 to 300 μ l Sample Volume)

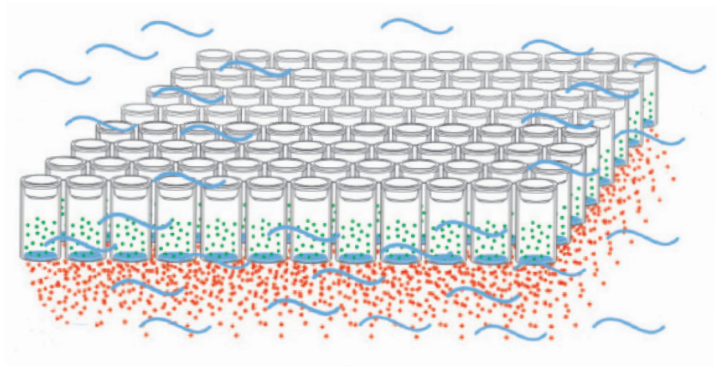


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Quick Start Guide

Description

The dialysis of 96 samples can be performed easily with the 96-Well DispoDialyzer. Each well has an individual membrane which eliminates the possibility of cross-contamination between wells. The 96-Well DispoDialyzer is available with built in regenerated cellulose membranes with MWCO's ranging from 1 kDa to 25 kDa. The entire 96-Well DispoDialyzer plate floats directly in the dialysis buffer, allowing for faster dialysis. Each plate comes with twelve 8-cap strips which ensure tight seals on every well.



Ordering Information

Item #	Description
74-0900	96-Well DispoDialyzer, 1 kDa MWCO Membrane, Qty. of 2
74-0901	96-Well DispoDialyzer, 2 kDa MWCO Membrane, Qty. of 2
74-0033	96-Well DispoDialyzer, 3.5 kDa MWCO Membrane, Qty. of 2
74-0903	96-Well DispoDialyzer, 10 kDa MWCO Membrane, Qty. of 2
74-0904	96-Well DispoDialyzer, 25 kDa MWCO Membrane, Qty. of 2

Instructions

1. Place the 96-Well DispoDialyzer membrane side down into a container filled with exchange buffer and let soak for 15 minutes. Remove the plate from the buffer solution. Tap the plate GENTLY on an absorbent surface.

Caution: Do not let the membranes dry out. Proceed immediately to Step 2.

2. Pipette the samples into each well and place the 8-cap strip over the wells. Press all caps firmly to ensure a tight seal.

3. Float the Dialyzer on the surface of the buffer solution (distilled water or applicable buffer).

Note: The ratio of sample to exchange buffer should be 1:200. Stirring the dialysis buffer will result in faster dialysis times.

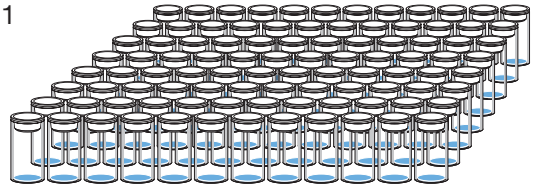
4. Allow dialysis to proceed until the desired level of sample purification has been reached. For best results, allow dialysis to proceed overnight.

Note: Dialysis times vary. It may be necessary to change the dialysis buffer:

- First change 2 to 3 hours
- Second change 4 to 5 hours
- Then leave overnight

5. Upon completion, carefully remove the 8-cap strip. Then pipette the samples from the wells making sure not to puncture the membranes. Purified samples are now ready for downstream applications.

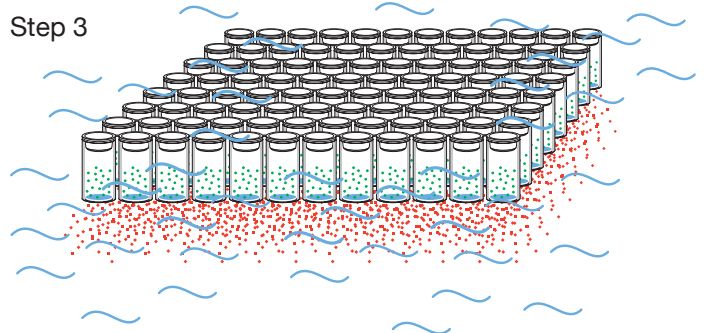
Step 1



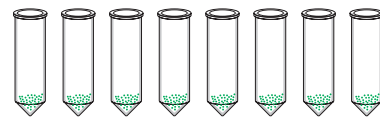
Step 2



Step 3







Done



Specifications

Sample Volume Range	25 to 300 μ l
Membrane MWCO Range	1 to 25 kDa

Key

	Desired Component
	Contaminants
	Dialysis Buffer
	Membrane