

Dispo-Biodialyzer™

Disposable Dialysis System for Small Sample Volumes (10-100 μ L)

Directions:

- Remove the white cap (fig. 1), and place a sample (sample volume from 5-100 μ L) in the dialyzer using the tip of the micro pipette (10-200 μ L), (fig. 2) Do not let the pipette tip touch the membrane. Replace cap and close firmly. (fig. 3).
- Place the white foam over the cap for floating the Dispo-Biodialyzer,(fig. 4).
- Place 500 μ L buffer in the lower cavity buffer chamber (4) during dialysis to displace air bubbles.(fig. 5).
NOTE: When filling the buffer, keep the Dispo-Biodialyzer in a tilted position. **Do not overturn** completely in order to keep the sample from sticking to the cap and not being dialyzed. Capillary action should keep it from moving.
- Float in a beaker, that is filled with dialysis buffer or water, and a magnetic stir bar. Place on a stirrer plate to mix the buffer which will rotate the Dispo-Biodialyzer, (fig. 6).
- Change the buffer from time to time if needed.
- Depending upon the volume of your sample, dialysis buffer, number of samples and MWCO's of membranes; dialysis can take from 1-2 hours up to overnight.
- Once dialysis is complete, remove the white foam and cap. Place the Dispo-Biodialyzer in the sample collection tube (7), and spin at any speed between 500-2000 rpm for one second, (fig 7). The sample will be transferred into the collection tube with almost 100% recovery.

Notes: We recommend the Dispo-Biodialyzer for one time use only. White flotation foam is reusable.

For Questions or to reorder Call

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