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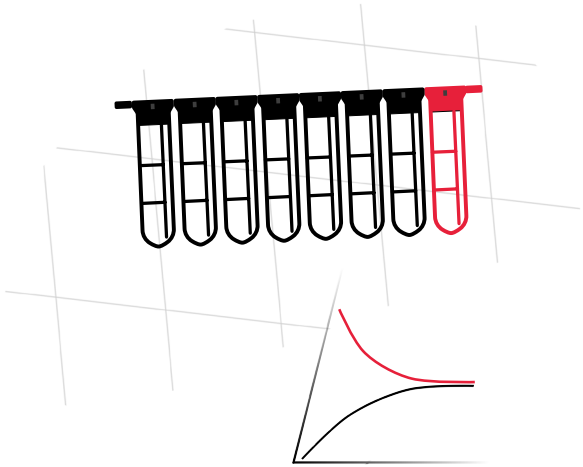
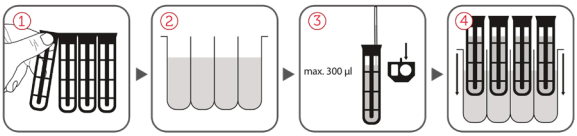
Xpress Equilibrium Dialyzer

ED300

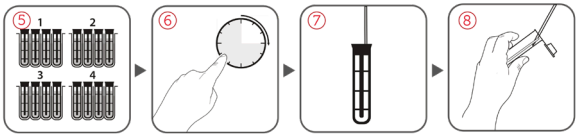
Quick Guide



Quick Guide



1. **Preparation.** If only one segment is used, separate it carefully from 8-segmented ED. Don't touch the membrane, please!
2. **Buffer Preparation.** Pipette dialysis buffer either in a.) a deep well plate V ≤ 1,400 µl, b.) into the opening of ED cartridge for buffer (side without letter marking), or c.) a 5 ml-microcentrifuge tube V≤ 3,600 µl.
3. **Loading the sample.** Bring the pipette with sample volume firmly into the round opening (side with letter marking). Sample volume should be between 50 and 300 µl.
4. **Introduction.** Put the ED or the single segment into a) a deep well plate or b) in a microcentrifuge tube as prepared in step 2.



5. **Dialysis.** One step dialysis can be done in the same microcentrifuge tube or deep well plate. If more than one dialysis step is required, change the position of ED in the deep well plate channels, change the buffer through ED buffer opening, or use a new microcentrifuge tube.
6. **Dialysis time.** The dialysis time depends on the compound and the cut-off of the semipermeable membrane.
7. **Sample retrieval.** Set the pipette volume to 330 µl for a sample of 300 µl. Press the pipette button to first stop, hold it, and bring pipette with pipette tip firmly into round opening (side with letter marking). Aspirate the sample. **Retrievel the buffer** by using the opening without letter marking.
8. **Further analysis.** Finally, pipette the sample into a microcentrifuge tube or a micro plate.

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