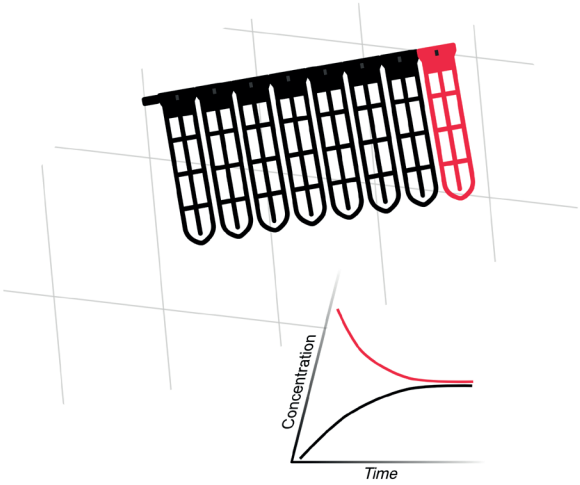
scienova™

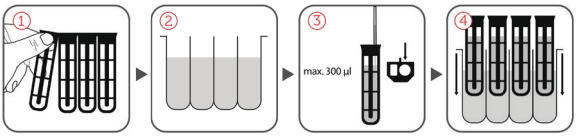
Xpress Micro Dialyzer

MD300

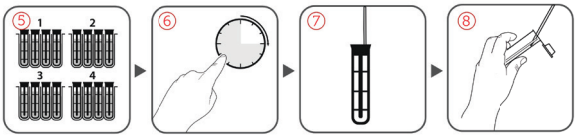
Quick Guide



Quick Guide



1. Preparation. If only one segment is used use, separate it carefully from 8-segmented MD. Don't touch the membrane, please!
2. Buffer Preparation. Pipette dialysis buffer either in a.) a deep well plate V ≤ 1,400 µl, or b.) in a 5 ml-microcentrifuge tube V≤ 3,400 µl.
3. Loading the sample. Bring the pipette with sample volume firmly into the round opening. Sample volume should be between 50 and 300 µl.
4. Introduction. Put the MD 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 MD in the deep well plate channels 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. Aspirate the sample.
8. Further analysis. Finally, pipette the sample into a microcentrifuge tube or a micro plate.

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