

MD100

Xpress Micro Dialyzer





EASY HANDLING

- Ready-to-use
- Pipette in sample from the top of the device
- Scalable number of samples up to 96 samples in one deepwell plate



AUTOMATABLE & EFFICIENT

- SBS compatible
- Reduced cost per test
- Up to 98% sample recovery



MULTIFUNCTIONAL

- Protein and peptide sample purification
- Sample renaturation
- Re-buffering of protein samples
- In-vitro-translation
- Enzyme activity studies
- Binding studies
- Different cut-off sizes

FNI

Technical Data

Desalting by dialysis with MD100

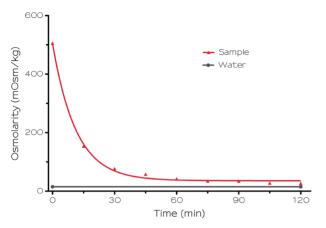


Figure 1

Desalting by dialysis with scienova Xpress Micro Dialyzer MD100. Conditions: 100 µl sample (50 mM H2NaPO4/Na2HPO4, 150 mM NaCl, pH 7.4) were dialyzed against water (1.8 ml A. dest.) at 20 °C. Buffer was exchanged every 15 minutes. MD100 cartridge (MWCO 6–8 kDa) in 2.2 ml 96-deep well plate.

customer feedback

We use the scienova Xpress Dialyzer MD100 to process our proteomics samples, e.g. for removal of modifying reagents before tryptic digestion. The easy handling and dialysis speed convinced us.

PD Dr. med. habil. Heidrun Rhode, Instutute of Biochemistry, Universitätsklinikum Jena

Product Specifications

Sample volume 10–100 µl

Membrane material low-binding regenerated Bio-Xell® (biocellulose)

cellulose

 Cut-offs (MWCO)
 2 | 3.5 | 6-8 | 12-14 | 20 kDa
 140 kDa

 Temperature
 1-60 °C
 1-60 °C

 pH value
 4-8
 5-8

 Autoclavable
 yes

Microplate Standard (SBS) compatible to 96 deep-well plate



Products with MD100

Single segments

Cartridges

Kits (cartrige(s) plus deep-well

plate)

Xpress Magnetic Mixing Dialysis Box

GridKit48