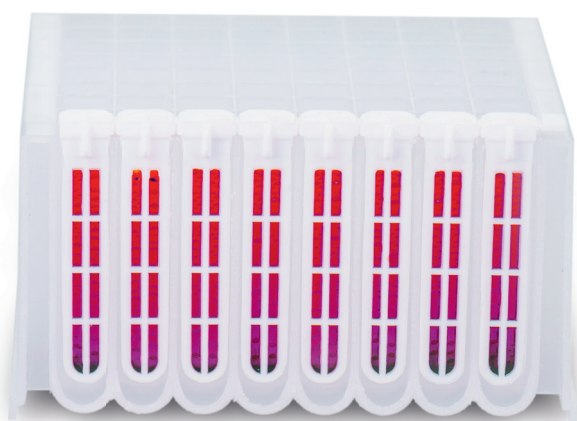


# MD300

## Xpress Micro Dialyzer



### EASY HANDLING

- Ready-to-use
- Pipette in sample from the top of the device without removing sample cartridges
- Scalable number of samples up to 96 samples in one deep-well plate



### AUTOMATABLE & EFFICIENT

- SBS compatible
- Reduced cost per test
- Up to 95% sample recovery

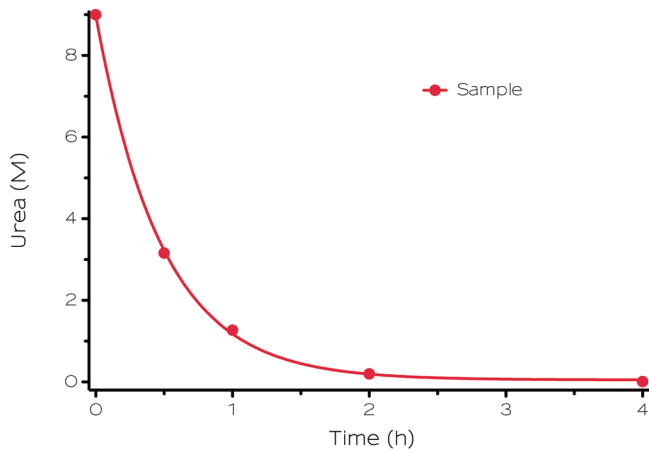


### MULTIFUNCTIONAL

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

# Technical Data

## Removing of urea from MD300 by dialysis



**Figure 1**

Removing of urea from scienova Xpress Micro Dialyzer MD300. Conditions: 300  $\mu$ l sample (9 M urea) were dialyzed against 3.5 ml water (aqua dest.) in 5 ml 48-deep well plates. Buffer was exchanged every 60 minutes. MD300 with MWCO 6–8 kDa, performed at room temperature.

### Product Specifications

Sample volume	50–300 $\mu$ l	
Membrane material	low-binding regenerated cellulose	Bio-Xell® (biocellulose)
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 MD300

- Cartridges
- Kits (cartridge(s) plus deep-well plate)
- Xpress Magnetic Mixing Dialysis Box
- GridKit48