

High-quality Cryo Labels

- Resistant to long-term storage in liquid nitrogen or dry ice
- Permanent hold from -196 °C to 121 °C
- Autoclavable
- Selection of different formats for labelling of reaction vessels, cryogenic tubes or microtiter plates
- Markable with permanent marker or A4 laser printer

Barcode Forge scienova

- Printable with conventional laser printers
- Data export via Excel, Access, Oracle, MySQL, MariaDB and CSV or manual entries
- Freely formatable text and graphic fields
- Printing all common barcode types e. g. Code 128, Code 39, EAN 13, DataMatrix, QR-Code

Other available products

- GridtKit48 and Mixing Box for Xpress Dialyzer
- GeBAflex dialysis tubes, ZelluTrans dialysis tubes
- Deep-well plates (6/48/96)
- Floater, beaker, sealing sheets
- Syringe Filters

New: Laboratory Reagents & Chemicals by AppliChem at scienova Webshop



Distributors are welcome!

scienova offers:

- Regular product updates and early information on new products plus marketing material
- Free samples for exhibitions and customer visits
- Certification for the quality management system according to ISO 9001:2015

Disposable tools for smart and efficient sample preparation



License without runtime limit

Free updates



Free demo version at www.scienova.com

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Highly efficient dialysis cartridges

The Xpress Dialyzer Family

Xpress Dialyzer

- Ready-to-use dialysis tools for sample volumes from 10 µl up 19 ml
- Compatible to microplate format (SBS)
- High quality membranes of regenerated cellulose or newly of Bio-Xell® (biocellulose)
- Different membrane cutoffs from: 2 | 3.5 | 6–8 | 12–14 | 20 | 140 kDa
- Sample recovery up to 100%
- Scalable number of samples 1–48 | 1–96 | 1–6
- Autoclavable
- Highest efficiency through short diffusion distance and large surface

	MD100	MD300	ED300	MD1000	XDR-1
Sample volume	10–100 µl	50–300 µl	50–300 µl	150–1000 µl	1–19 ml
Microplate Standard (SBS)	96 well	96 well	96 well	48 well	6 well
Membrane Cutoff (MWCO)	low-binding regenerated cellulose 2 3.5 6–8 12–14 20 kDa				
Temperature	1–60 °C				
pH-value	4–8				
Membrane Cutoff (MWCO)	Bio-Xell® 140 kDa				
Temperature	1–60 °C				
pH value	5–8				

The newest member: Xpress Dialysis Reactor XDR-1

Sample mixture with disposable syringes



- Luer-Lock for flexible connection and sealing
- Use with 6 deep-well plate or floater
- Liquid Handling with disposable syringe

Circulate and aerate the sample with a pump

Dialysis



Desalting
Rebuffering
Protein renaturation



Binding studies
Equilibrium dialysis

" We use the scienova Xpress Dialyzer MD100 and MD1000 for cell culture experiments. The efficiency of these dialysis cartridges completely convinced us."

Dipl.-Ing. Katrin Frankenfeld, fzmb GmbH, Research center for medical technology and biotechnology

" We could not handle thousands of subfractions of our protein samples fast and precise enough without the MD100 of scienova."

PD Dr. med. habil. Heidrun Rhode, Leader Proteomics working group, Institute of Biochemistry, University Hospital Jena