

Системы для диализа CARL ROTH

Технические характеристики

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Казахстан (772)734-952-31

Киргизия (996)312-96-26-47

Dialysis systems



Dialysis systems Spectra/Por® Float-A-Lyzer® G2

Repligen. Material: CE, Caps made of PC.

Highly efficient, *ready-to-use* dialysis system, easy to use and **with an extremely high sample recovery of 95–98%**.

Hose membrane made of cellulose ester with caps made of polycarbonate. **Packaged dry**, with low quantities of glycerine to protect against embrittlement. The glycerine must be removed with distilled water in a rinsing step prior to use (duration: 15–30 min).

- For 1–10 ml samples
- Screw cap (Ø 23 mm) enables easy handling; checks can also be carried out during dialysis
- Dialysis tube made of highly pure cellulose ester, contains no contamination such as trace elements or sulphides, therefore no complex pretreatment required
- Low reactivity of the membrane, hardly any adsorption of proteins and liposomes, suitable for direct use with biological sample material
- Floating ring made of PE (Ø 38 mm) improves floatability and vertical alignment
- Various MWCOs available, lid colour-coded accordingly
- Several Float-A-Lyzers can be used at the same time in a single vessel

Not a medical device / Not an IVD product

Filling volume 1 ml

MWCO (dalton(s))	Colour coding	Ø Membrane (mm)	Height (mm)	Art. No.	Pack Qty.
100–500	green	10	50	P560.1	12 unit(s)
500–1000	orange	10	50	4549.1	12 unit(s)
3500–5000	black	10	50	P564.1	12 unit(s)
8000–10000	yellow	10	50	P566.1	12 unit(s)
20000	red	10	50	P568.1	12 unit(s)
50000	violet	10	50	P569.1	12 unit(s)
100000	blue	10	50	P570.1	12 unit(s)
300000	amber	10	50	4550.1	12 unit(s)
1000000	pink	10	50	4608.1	12 unit(s)

Filling volume 5 ml

MWCO (dalton(s))	Colour coding	Ø Membrane (mm)	Height (mm)	Art. No.	Pack Qty.
100–500	green	10	100	P586.1	12 unit(s)
500–1000	orange	10	100	4617.1	12 unit(s)
3500–5000	black	10	100	P590.1	12 unit(s)
8000–10000	yellow	10	100	P592.1	12 unit(s)
20000	red	10	100	P594.1	12 unit(s)
50000	violet	10	100	P595.1	12 unit(s)
100000	blue	10	100	P596.1	12 unit(s)
300000	amber	10	100	4624.1	12 unit(s)
1000000	pink	10	100	4653.1	12 unit(s)

Filling volume 10 ml

MWCO (dalton(s))	Colour coding	Ø Membrane (mm)	Height (mm)	Art. No.	Pack Qty.
100–500	green	10	160	P599.1	12 unit(s)
500–1000	orange	10	160	4657.1	12 unit(s)
3500–5000	black	10	160	P603.1	12 unit(s)
8000–10000	yellow	10	160	P605.1	12 unit(s)
20000	red	10	160	P607.1	12 unit(s)
50000	violet	10	160	P608.1	12 unit(s)
100000	blue	10	160	P609.1	12 unit(s)
300000	amber	10	160	4660.1	12 unit(s)
1000000	pink	10	160	4663.1	12 unit(s)



Mini Dialyzer ZelluTrans/ROTH MD 300

ROTH SELECTION. Material: Cellulose, regenerated.

Ready-to-use dialysis system for samples of between 50 and 300 µl.

The Mini Dialyzer consists of a U-shaped polypropylene capillary with 75 µl graduations and membranes on both sides. The filled sample forms a thin layer over a large surface area, ensuring very short dialysis times.

- Available as an **individual dialyzer** packaged in a 5 ml test tube or as a **dialyzer strip** with 8 interconnected individual dialyzers (can be separated)
- Membranes are made of high-quality regenerated cellulose with different pore sizes (MWCO), **dry packaged**
- Easy to use: Can be filled with the sample and emptied using any standard pipette (100–1000 µl)
- Short dialysis times (30–480 min)
- Flexible: Uses ranging from low-volume dialysis (in test tube, 96-deepwell plates, 2.5 ml) to high-volume dialysis (using a suitable flotation aid, 4768.1)

The Mini Dialyzers are ready for use straight away – no pretreatment required.

For sensitive applications, soak in water or buffer for 15 min beforehand to remove any traces of glycerine.

Not a medical device / Not an IVD product

MWCO (dalton(s))	Version	Art. No.	Pack Qty.
3500	Individual dialyzer in 5 ml test tube	NH91.1	12 unit(s)
3500	Dialyzer strip (8 connected individual dialyzers)	NH92.1	1 unit(s)
6000–8000	Individual dialyzer in 5 ml test tube	NH94.1	12 unit(s)
6000–8000	Dialyzer strip (8 connected individual dialyzers)	NH95.1	1 unit(s)
12000–14000	Individual dialyzer in 5 ml test tube	NH97.1	12 unit(s)
12000–14000	Dialyzer strip (8 connected individual dialyzers)	NH98.1	1 unit(s)



Dialysis systems



Mini Dialyzer ZelluTrans/ROTH MD 100

ROTH SELECTION. Material: Cellulose, regenerated.

Ready-to-use dialysis system for samples of between 10 and 100 µl.

The Mini Dialyzer consists of a U-shaped polypropylene capillary with 25 µl graduations and membranes on both sides. The filled sample forms a thin layer over a large surface area, ensuring very short dialysis times.

- Available as an **individual dialyzer** packaged in a 2 ml reaction vial or as a **dialyzer strip** with 8 interconnected individual dialyzers (can be separated)
- Membranes are made of high-quality regenerated cellulose with different pore sizes (MWCO), **dry packaged**
- Easy to use: Can be filled with the sample and emptied using any standard pipette (2–200 µl)
- Flexible: Uses ranging from low-volume dialysis (in reaction vial or micro-titration plate) to high-volume dialysis (using a suitable flotation aid, as described below)
- Compatible with **96-deepwell plates (2.5 ml)**, 8-channel multichannel pipettes and standard automation systems; allows simultaneous processing of up to 96 samples.

The Mini Dialyzers are ready for use straight away – no pretreatment required. For sensitive applications, soak in water or buffer for 15 min beforehand to remove any traces of glycerine.

Not a medical device / Not an IVD product

MWCO (dalton(s))	Version	Art. No.	Pack Qty.	
3500	Individual dialyzer in 2 ml reaction vial	4766.1	12 unit(s)	
6000–8000	Individual dialyzer in 2 ml reaction vial	4770.1	12 unit(s)	
6000–8000	Dialyzer strip (8 connected individual dialyzers)	4771.1	1 unit(s)	
12000–14000	Individual dialyzer in 2 ml reaction vial	4775.1	12 unit(s)	
12000–14000	Dialyzer strip (8 connected individual dialyzers)	4776.1	1 unit(s)	

Accessories for MD 100 and MD 300 Mini Dialyzers

ROTH SELECTION.

Not a medical device / Not an IVD product

(1) For MD 100 and MD 300 Mini Dialyzer Flotation aid

Material: PE. Made of PE foam, for using the Mini Dialyzers in larger dialysis vessels. Reusable.

Version	Art. No.	Pack Qty.	
Flotation aid	4768.1	1 unit(s)	

(2) For MD 100 and MD 300 Mini Dialyzer Cover film

Material: PP. To protect against contamination and evaporation or for storage. Self-adhesive.

Version	Art. No.	Pack Qty.	
Cover film (for 12 dialyzer strips)	4781.1	1 unit(s)	



A 121 °C



Closure clips

Material: PA. Autoclavable: Yes.

Made of polyamide. For sealing plastic bags, freezer bags and dialysis tubes made of regenerated cellulose.

Usage temperature -30 to +80 °C. Colour: White.

Not a medical device / Not an IVD product

Seal length (mm)	Total length (mm)	Art. No.	Pack Qty.	
45	65	H277.1	10 unit(s)	
65	90	H278.1	10 unit(s)	
110	130	P901.1	10 unit(s)	
150	170	P902.1	10 unit(s)	



A 121 °C

Closure Clips Spectra/Por® Universal

Repligen. Material: PA. Autoclavable: Yes.

Made of **PA**. For liquid-tight sealing of tube membranes. Non floating.

Suitable for all membrane types, especially recommended for membranes made of cellulose ester. Autoclavable, usage temperature 0 to 90 °C.

Not a medical device / Not an IVD product

Seal length (mm)	Colour	Art. No.	Pack Qty.	
50	yellow	0685.1	10 unit(s)	
70	yellow	0686.1	10 unit(s)	
110	yellow	0687.1	10 unit(s)	
150	yellow	0688.1	10 unit(s)	

Dialysis accessories



A 121 °C

Closure clips Spectra/Por®

Repligen. Material: PP. Autoclavable: Yes.

Temperature stable from 0 to 121 °C.

Note: Suitable for membranes made of regenerated cellulose; for membranes made of cellulose ester, please use universal locking clips (Art. No. 0685.1 ff).

Not a medical device / Not an IVD product

Standard caps

Floating.

Seal length (mm)	Colour	Art. No.	Pack Qty.	
12	orange	0985.1	10 unit(s)	
23	orange	2768.1	10 unit(s)	
35	orange	0988.1	10 unit(s)	
55	orange	2770.1	10 unit(s)	
75	orange	2771.1	10 unit(s)	

With weights

Caps with weights, enable upright dialysis position.

Seal length (mm)	Colour	Art. No.	Pack Qty.	
12	white	2773.1	10 unit(s)	
23	white	2774.1	10 unit(s)	
35	white	2775.1	10 unit(s)	
55	white	2776.1	10 unit(s)	
75	white	2777.1	10 unit(s)	

Combi packaging

Contains 10 clips with and 10 clips without weights.

Seal length (mm)	Colour	Art. No.	Pack Qty.	
12	white, orange	2779.1	20 unit(s)	
23	white, orange	2780.1	20 unit(s)	
35	white, orange	2781.1	20 unit(s)	
55	white, orange	2782.1	20 unit(s)	
75	white, orange	2783.1	20 unit(s)	

Closure clips Spectra/Por® with magnetic weight

Repligen. Material: PP.

With embedded magnetic weight for use with magnetic stirrers.

- The dialysis bag is completely immersed in the buffer
- Continuous rotation for optimum material exchange
- No additional magnetic stirrer rod is required

Note: Suitable for membranes made of regenerated cellulose; for membranes made of cellulose ester, please use universal closure clips (Art. No. 0685.1 ff).

Not a medical device / Not an IVD product

Seal length (mm)	Colour	Art. No.	Pack Qty.	
23	red	4647.1	2 unit(s)	
35	red	4648.1	2 unit(s)	
55	red	4650.1	2 unit(s)	
75	red	4652.1	2 unit(s)	



A 121 °C

Dialysis tube holder ZelluTrans/ROTH

ROTH SELECTION. Material: PP. Autoclavable: Yes.

With labelling area. Robust design. For mounting filled dialysis tubes in large containers.

Not a medical device / Not an IVD product

Version	Art. No.	Pack Qty.	
Dialysis tube holder	E704.1	6 unit(s)	



A 121 °C

Filling funnel ZelluTrans/ROTH

ROTH SELECTION. Material: PP. Autoclavable: Yes.

For easy filling and draining of dialysis tubes. The open end of the dialysis tube is pushed onto the funnel nozzle and held in place by a silicone strap. The holder on the funnel allows the funnel to be mounted in different containers. With snap-lock mechanism.

Not a medical device / Not an IVD product

Version	Suitable for	Art. No.	Pack Qty.	
Mini	hoses with 10-19 mm flat width	E709.1	10 unit(s)	
Maxi	hoses with 23-45 mm flat width	E710.1	10 unit(s)	

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