

Сосуды реакционные CARL ROTH ROTILABO, SnapTwist, Multi, Dolphin

Технические характеристики

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Reaction vessels

PCR individual vials

BRAND. Material: PP. Autoclavable: Yes.

Attached lid with secure fit, loss of liquid due to evaporation is reduced to a minimum. Lids are easy to open and close.

- Extra-thin, even wall thickness, for optimal heat transfer and short cycle times
- Made of high-grade pure plastics containing no additives
- Produced under clean room conditions according to ISO 14 644-1 Class 5, 7 and 8
- Suitable for all standard thermocyclers
- Containers with flat lids, suitable for real-time PCR
- **DNase, DNA and RNase free**



A121 °C

Version	Vol. (ml)	Colour	Art. No.	Pack Qty.
Convex caps	0.2	colourless	XT86.1	1,000 unit(s)
Flat caps	0.2	colourless	XT87.1	1,000 unit(s)
Flat caps	0.5	colourless	XT88.1	1,000 unit(s)

PCR individual vials ROTILABO®

ROTH SELECTION. Material: PP. Autoclavable: Yes.

- Volume 0.2 ml (max. working volume 250 µl, max. filling volume 300 µl)
- Thin-walled for optimal heat transfer between thermocycler and sample
- Suitable for all current thermocouplers
- Containers with flat lids, suitable for real-time PCR
- **Free of DNase, RNase and human DNA**



A121 °C

Pic.	Version	Vol. (µl)	Colour	Art. No.	Pack Qty.
(1)	Convex cap	200	colourless	CEL5.1	1,000 unit(s)
(2)	Flat cap	200	colourless	CEL6.1	1,000 unit(s)

PCR individual vials Multi®

Sorenson. Material: PP. Autoclavable: Yes.

- Extremely thin wall, fast and uniform heat transfer
- Suitable for all current thermocouplers
- **Free of RNase/DNase/human DNA, PCR-inhibitor and pyrogen free**



A121 °C



Version	Vol. (µl)	Colour	Art. No.	Pack Qty.
Flat lid	500	colourless	A774.1	1,000 unit(s)
Flat lid	200	colourless	H560.1	1,000 unit(s)
Flat lid	200	red	H561.1	1,000 unit(s)
Flat lid	200	blue	H562.1	1,000 unit(s)
Flat lid	200	green	H563.1	1,000 unit(s)
Flat lid	200	yellow	H564.1	1,000 unit(s)

Reaction vessels

Reaction vials ROTILABO®

ROTH SELECTION. Material: PP. Autoclavable: Yes.

- Graduated, frosted labelling area



Not a medical device / Not an IVD product

Vol. (ml)	Colour	Centrifugability fixed angle rotor (x g)	Centrifugability swing-out rotor (x g)	Temperature stability (°C)	Art. No.	Pack Qty.	
1.5	colourless	18,000	18,000	-70 to +121	4182.1	1,000 unit(s)	
1.5	red	18,000	18,000	-70 to +121	4189.1	1,000 unit(s)	
1.5	blue	18,000	18,000	-70 to +121	4190.1	1,000 unit(s)	
1.5	yellow	18,000	18,000	-70 to +121	4204.1	1,000 unit(s)	
1.5	green	18,000	18,000	-70 to +121	4209.1	1,000 unit(s)	

Assorted colours

Colours available: red, blue, yellow, green, transparent.

Vol. (ml)	Colour	Centrifugability fixed angle rotor (x g)	Centrifugability swing-out rotor (x g)	Temperature stability (°C)	Pack.	Art. No.	Pack Qty.	
1.5	assorted colours	18,000	18,000	-70 to +121	5 x 1000	5913.1	5,000 unit(s)	

Reaction vials ROTILABO®

ROTH SELECTION. Material: PP. Autoclavable: Yes.

- Additional volume above the last graduation allows for liquid expansion
- Graduated, frosted labelling space
- Ergonomic lid, opens with one hand, with click closure
- Puncturable lid
- **RNase/DNase-free, pyrogen-free, PCR inhibitor-free, metal-free**



Not a medical device / Not an IVD product

Vol. (ml)	Colour	Centrifugability fixed angle rotor (x g)	Centrifugability swing-out rotor (x g)	Temperature stability (°C)	Sterility	Art. No.	Pack Qty.	
1.5	colourless	25,000	70,000	-20 to +121	Sterile	ENE8.2	500 unit(s)	
1.5	colourless	25,000	70,000	-20 to +121	Non-sterile	ENE9.2	500 unit(s)	
1.5	black	25,000	70,000	-20 to +121	Non-sterile	ENH0.2	500 unit(s)	
2.0	colourless	25,000	70,000	-20 to +121	Sterile	ENH1.2	500 unit(s)	
2.0	colourless	25,000	70,000	-20 to +121	Non-sterile	ENH2.2	500 unit(s)	



Reaction vessels

Safety reaction tubes ROTILABO®

ROTH SELECTION. Material: PP. Autoclavable: Yes.

Firm plug fit, e.g. for applications under thermal load. Vessel base of 2 ml tubes is rounded on inside to enhance pellet formation.

- Graduated, with labelling space
- Penetrable lid membrane



A 121 °C



Not a medical device / Not an IVD product

Vol. (ml)	Colour	Centrifugability fixed angle rotor (x g)	Centrifugability swing-out rotor (x g)	Temperature stability (°C)	Art. No.	Pack Qty.	
0.5	colourless	18,000	18,000	-70 to +121	XC62.1	1,000 unit(s)	
1.5	colourless	18,000	18,000	-70 to +121	XC63.1	1,000 unit(s)	
2	colourless	18,000	18,000	-70 to +121	NA16.1	1,000 unit(s)	

Reaction vials 2 ml

BRAND. Material: PP. Autoclavable: Yes.

- Graduated, frosted labelling space on the side
- Lid membrane with even thickness of approx. 0.3 mm, can be penetrated by the analyser
- **Free of RNase, DNase, DNA and endotoxins**



A 121 °C



Not a medical device / Not an IVD product

Vol. (ml)	Colour	Centrifugability fixed angle rotor (x g)	Centrifugability swing-out rotor (x g)	Art. No.	Pack Qty.	
2.0	colourless	20,000	20,000	CK06.1	500 unit(s)	

Reaction vessels

Safety reaction vessels

BRAND. Material: PP. Autoclavable: Yes.

Additional lid lock for extra tightness, prevents unintentional opening of the lid. The wide lid rim allows easy handling using only one hand.

- Graduated with frosted labelling space
- Manufactured from high quality medical grade polypropylene
- Produced under clean-room conditions to ISO 14 644-1 Class 8
- **RNase-, DNase-, DNA- and endotoxins-free**



A 121 °C

Not a medical device / Not an IVD product

Vol. (ml)	Ø ext. (mm)	Height (mm)	Centrifugability fixed angle rotor (x g)	Centrifugability swing-out rotor (x g)	Temperature stability (°C)	Art. No.	Pack Qty.	
0.5	10	30	30,000	30,000	-190 to +121	CNT3.1	500 unit(s)	
1.5	10.75	40.8	30,000	30,000	-190 to +121	CNT4.1	1,000 unit(s)	
2	12.8	40	30,000	30,000	-190 to +121	CNT5.1	500 unit(s)	

Reaction vials 1.5 ml without lid

Kartell. Material: PP. Autoclavable: Yes.

Dimensions: outside Ø 11.0 x H 39.5 mm.

- Frosted labelling space on the side



A 121 °C

In vitro diagnostic medical device according to IVDD

Vol. (ml)	Colour	Centrifugability fixed angle rotor (x g)	Centrifugability swing-out rotor (x g)	Art. No.	Pack Qty.	
1.5	colourless	6,000	6,000	CK05.2	1,000 unit(s)	



Reaction vessels

Reaction vials Multi®

Sorenson. Material: PP. Autoclavable: Yes.

- Graduation every 250 µl
- Frosted labelling spaces
- Leak-tight closure
- Flat, markable lid
- **RNase/DNase-free, human DNA-free, PCR inhibitor-free, pyrogen-free**



Not a medical device / Not an IVD product

SafeSeal

Vol. (ml)	Filling capacity (ml)	Colour	Centrifugability fixed angle rotor (x g)	Centrifugability swing-out rotor (x g)	Temperature stability (°C)	Art. No.	Pack Qty.	
0.5	0.65	colourless	25,000	25,000	-80 to +121	7060.1	1,000 unit(s)	
1.5	1.7	colourless	25,000	25,000	-80 to +121	7080.1	1,000 unit(s)	
2	2	colourless	25,000	25,000	-80 to +121	7083.1	800 unit(s)	

SafeSeal assorted colours

Colours available: red, blue, green, yellow, purple.

Vol. (ml)	Filling capacity (ml)	Colour	Centrifugability fixed angle rotor (x g)	Centrifugability swing-out rotor (x g)	Temperature stability (°C)	Art. No.	Pack Qty.	
0.5	0.65	assorted colours	25,000	25,000	-80 to +121	7096.1	1,000 unit(s)	
2	2	assorted colours	25,000	25,000	-80 to +121	N457.1	800 unit(s)	

SafeSeal LowBinding

Optimised surface with polymer coating, thus minimum sample adhesion.

Vol. (ml)	Filling capacity (ml)	Colour	Centrifugability fixed angle rotor (x g)	Centrifugability swing-out rotor (x g)	Temperature stability (°C)	Art. No.	Pack Qty.	
0.5	0.65	colourless	25,000	25,000	-80 to +121	7137.1	1,000 unit(s)	
1.5	1.7	colourless	25,000	25,000	-80 to +121	7154.1	1,000 unit(s)	
2	2	colourless	25,000	25,000	-80 to +121	7181.1	1,000 unit(s)	

Reaction vials Multi® Dolphin 2 ml

Sorenson. Material: PP. Autoclavable: Yes.

With special design to facilitate sample removal, particularly for DNA/ RNA centrifuging.

- Flat lid with syringe penetration zone
- Easy to label due to roughened side surfaces and flat lid
- **RNase/DNase-free, human DNA-free, PCR inhibitor-free, pyrogen-free**



Not a medical device / Not an IVD product

Vol. (ml)	Colour	Centrifugability fixed angle rotor (x g)	Centrifugability swing-out rotor (x g)	Temperature stability (°C)	Art. No.	Pack Qty.	
2	colourless	15,000	15,000	-80 to +121	E708.1	1,000 unit(s)	

Reaction vessels

Reaction vials ROTILABO®

ROTH SELECTION. Material: PP. Autoclavable: Yes.

- RNase/DNase-free



Not a medical device / Not an IVD product

0.5 ml

Graduated.

Vol. (ml)	Colour	Centrifugability fixed angle rotor (x g)	Centrifugability swing-out rotor (x g)	Temperature stability (°C)	Art. No.	Pack Qty.	
0.5	colourless	30,000	30,000	-90 to +121	EA83.1	1,000 unit(s)	

1.5 ml

Graduated.

Vol. (ml)	Colour	Ø ext. (mm)	Height (mm)	Centrifugability fixed angle rotor (x g)	Centrifugability swing-out rotor (x g)	Temperature stability (°C)	Art. No.	Pack Qty.	
1.5	colourless	10.67	41.15	26,000	26,000	-90 to +121	EA84.1	1,000 unit(s)	

2 ml

Graduated.

Vol. (ml)	Colour	Centrifugability fixed angle rotor (x g)	Centrifugability swing-out rotor (x g)	Temperature stability (°C)	Art. No.	Pack Qty.	
2	colourless	25,000	25,000	-90 to +121	EA85.1	1,000 unit(s)	

Reaction vials ROTILABO® 1.5 ml black

ROTH SELECTION. Material: PP. Autoclavable: Yes.

- Suitable for storage of light-sensitive samples



Not a medical device / Not an IVD product

Vol. (ml)	Colour	Centrifugability fixed angle rotor (x g)	Centrifugability swing-out rotor (x g)	Temperature stability (°C)	Art. No.	Pack Qty.	
1.5	black	15,000	15,000	-80 to +121	AA80.1	500 unit(s)	



Reaction vessels

Safety reaction tubes 5 ml

ROTH SELECTION. Autoclavable: Yes.

- Tight closing seal
- Graduated labelling space on side of vessel and lid
- **Free of RNase/DNase/human**
- **PCR Inhibitor-free, ATP-free**
- **Pyrogen-free**



Not a medical device / Not an IVD product

Vol. (ml)	Colour	Centrifugability fixed angle rotor (x g)	Centrifugability swing-out rotor (x g)	Temperature stability (°C)	Sterility	Pack.	Art. No.	Pack Qty.	
5	colourless	21,000	21,000	-80 to +100	Sterile	individually	HNY1.1	50 unit(s)	
5	colourless	21,000	21,000	-80 to +100	Non-sterile	1 x 100	HNY2.1	100 unit(s)	

Reaction vials 5 ml

ROTH SELECTION. Material: PP. Autoclavable: Yes.

Dimensions: vial-Ø 15 mm (incl. edge 18 mm) x H 61 mm.

- Easy to open lock for simple handling
- Labelling space on side of vessel and lid
- **RNase/DNase-free, pyrogen-free**



Not a medical device / Not an IVD product

Vol. (ml)	Colour	Centrifugability fixed angle rotor (x g)	Centrifugability swing-out rotor (x g)	Temperature stability (°C)	Sterility	Pack.	Art. No.	Pack Qty.	
5	colourless	5,000	5,000	-90 to +121	Sterile	10 x 20	EKY3.1	200 unit(s)	
5	colourless	5,000	5,000	-90 to +121	Non-sterile	1 x 200	EKY4.1	200 unit(s)	
5	blue	5,000	5,000	-90 to +121	Non-sterile	1 x 200	EKY5.1	200 unit(s)	
5	green	5,000	5,000	-90 to +121	Non-sterile	1 x 200	EKY6.1	200 unit(s)	
5	yellow	5,000	5,000	-90 to +121	Non-sterile	1 x 200	EKY7.1	200 unit(s)	
5	pink	5,000	5,000	-90 to +121	Non-sterile	1 x 200	EKY8.1	200 unit(s)	
5	black	5,000	5,000	-90 to +121	Non-sterile	1 x 200	EKY9.1	200 unit(s)	

Reaction vials ROTILABO® 5 ml

ROTH SELECTION. Material: PP. Autoclavable: Yes.

- Graduated labelling space on side of vessel and lid
- Leak-tight closure
- Vial Ø 15 mm (incl. edge 18 mm) x H 60 mm



Not a medical device / Not an IVD product

Vol. (ml)	Colour	Centrifugability fixed angle rotor (x g)	Centrifugability swing-out rotor (x g)	Temperature stability (°C)	Art. No.	Pack Qty.	
5	colourless	5,000	5,000	-80 to +121	PE68.1	250 unit(s)	
5	black	5,000	5,000	-80 to +121	PE69.1	250 unit(s)	

Reaction vessels



Locking clips ROTILABO®

ROTH SELECTION.

For reaction vials. Secure closure of vials when cooking or freezing. With grip lug for easy adjustment and removal of the vials. Reusable. Assorted colours.

Not a medical device / Not an IVD product

Suitable for	Art. No.	Pack Qty.	
0.5 ml reaction vials	N216.1	100 unit(s)	
1.5 / 2 ml reaction vials	N217.1	100 unit(s)	



A 121 °C

Reaction vial opener ROTILABO®

ROTH SELECTION. Autoclavable: Yes.

Opens and closes reaction vials. The opener only touches the outside edge of the lid, reduces risk of contamination. Assorted colours.

Not a medical device / Not an IVD product

Suitable for	Art. No.	Pack Qty.	
0.2-2 ml reaction vials	AA94.1	10 unit(s)	



A 121 °C



Reaction vials SnapTwist™

ROTH SELECTION. Material: PP. Autoclavable: Yes.

- **Time-saving cap:** simply press for a secure closure, open with only a ¼ turn
- With clear polished surface
- Leak-proof lip seal on closure
- Temperature-stable from -90 to +100 °C
- **RNase, DNase, DNA and pyrogen-free**

Not a medical device / Not an IVD product

Freestanding

Centrifugable up to 17 000 x g.

Delivery without cap.

Vol. (ml)	Lock	Art. No.	Pack Qty.	
1.5	Lip seal	YK13.1	1,000 unit(s)	
1.8	Lip seal	YK15.1	1,000 unit(s)	

Conical

Centrifugable up to 20 000 x g.

Delivery without cap.

Vol. (ml)	Lock	Art. No.	Pack Qty.	
1.5	Lip seal	YK14.1	1,000 unit(s)	
1.8	Lip seal	YK16.1	1,000 unit(s)	



Accessories cap for reaction vials SnapTwist™

ROTH SELECTION. Material: HDPE. Non-sterile. Autoclavable: No.

Cap inserts for identification available as an option (CK72.1 ff).

Not a medical device / Not an IVD product

Lock	Colour	Art. No.	Pack Qty.	
Lip seal	colourless	YK17.1	1,000 unit(s)	
Lip seal	blue	YK18.1	1,000 unit(s)	
Lip seal	green	YK19.1	1,000 unit(s)	
Lip seal	violet	YK20.1	1,000 unit(s)	
Lip seal	red	YK21.1	1,000 unit(s)	
Lip seal	yellow	YK22.1	1,000 unit(s)	
Lip seal	white	YK23.1	1,000 unit(s)	

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