

# Expell Cryo Tubes

*Superior by Design™*

Capp offers a unique portfolio of cryo tubes in 5 sizes: 0.5mL, 1.0mL, 2.0mL, 4.0mL and 5.0mL. **Expell Cryo Tubes** are designed with a focus on the best user experience and convenience. Featured with single-handed QuickSeal™ closure, the external thread design allows tightening or removal with only half a turn. These are one of the only cryo tubes with external thread and star foot which can be stored in 10x10 cryo boxes, saving up to 23% storage capacity compared to conventional cryo solutions. They are also compatible with common workstations on the market.

Both the caps and the cryo tubes are made of specially formulated polypropylene, having the same coefficient of expansion and therefore enhancing the leak proof qualities at various temperatures. **Expell Cryo Tubes** come packed in resealable stand-up pouches, saving benchtop space. They are suitable for storage in the vapour phase of liquid nitrogen.

The 2in1 coloured inserts have **2 different colours on the opposite sides**. Available in 3 different colours, giving a total of 6 colours.

Lip seal cap design ensures that the tubes are **leak proof**.

High quality graduation marks and writing area for **easy sample identification**.

**SuperStraight™** design fits into both 9x9 and 10x10 cryo boxes. No surface transition between the tube and the cap for **minimal risk of contamination during storage**.

External thread **SuperStraight™** design gives **up to 23% extra storage capacity** when used with the 10x10 cryo boxes.

**QuickSeal™** design for **single handed operation**. Tighten or open it with only half a turn!

**Red line** indicating the maximum recommended filling level for freezing in liquid nitrogen in the vapour phase at -196°C.

**Star-foot bottom** for **better stability and operation** when stored on selected cryo boxes.



# Expell Cryo Tubes

Expell Cryo Tubes comply with the following certifications:

- Quality tested by the Danish Institute of Technology
- 20-year-lifecycle test performed by the Danish Institute of Technology
  - Manufactured according to ISO 9001, ISO 14001, ISO 13485
- Manufactured from FDA-approved, medical grade polypropylene
  - Manufactured in a clean room environment
    - Sterilized after ISO 11137-2:2013 – Sterility Assurance Level (SAL) by standard products 10-6



## Ordering Information

Cat No.	Description	Volume	Package
5040500C	Expell Cryo Tube	0,5mL	10x100 pcs
5041000C	Expell Cryo Tube	1,0mL	10x100 pcs
5042000C	Expell Cryo Tube	2,0mL	10x100 pcs
5044000C	Expell Cryo Tube	4,0mL	5x100 pcs
5045000C	Expell Cryo Tube	5,0mL	5x100 pcs

# Expell Cryo Boxes

- Save up to 23% storage space with Expell Cryo Boxes with 10 x 10 dividers. 5 sizes of Expell Cryo Boxes are available (height: 32, 40, 50, 80 and 90mm) to perfectly fit Expell Cryo Tubes sizes from 0.5 to 5mL.
- Made of high quality durable polypropylene, suitable for storing at -90°C and autoclaving at +121°C for 20 minutes.
- Quick and easy sample identification is possible thanks to the numerical coding for each tube.
- Star-foot lock at the bottom of each box well, enabling one-handed tube opening without taking the tube out of the box
- Slanted edges for easier identification and handling.



## Ordering Information

Cat No.	Description	Volume	Package
5040510C	Expell Cryobox w/10x10dv	0.5mL	180 pcs
5041010C	Expell Cryobox w/10x10dv	1mL	105 pcs
5042010C	Expell Cryobox w/10x10dv	2mL	105 pcs
5044010C	Expell Cryobox w/10x10dv	4mL	90 pcs
5045010C	Expell Cryobox w/10x10dv	5mL	60 pcs

## 2 in 1 coloured caps for Expell Cryo Tubes

Cat No.	Description	Package
504RB00C	Red-blue cap for Expell Cryo Tube	6 x 100 pcs
504YG00C	Yellow-green cap for Expell Cryo Tube	6 x 100 pcs
504PW00C	Pink-white cap for Expell Cryo Tube	6 x 100 pcs
504MX00C	Mix colour cap for Expell Cryo Tube	6 x 100 pcs

	0.5 mL	1.0 mL	2.0 mL	4.0 mL	5.0 mL
Length (mm)	28.6	36.1	47.6	73.3	88.5
Diameter outer (mm)	12.08	12.08	12.08	12.08	12.08
Material	Polypropylene				
Sterility SAL 10 <sup>-6</sup>	✓	✓	✓	✓	✓
RNase / DNase free	✓	✓	✓	✓	✓
Autoclavable	✓	✓	✓	✓	✓
Type	Bio banking and cell culture cryogenic				
RCF (g)	17.000				