

Simport



Cryovial® Family

The Simport Cryovial® Family is the most complete line of cryogenic vials available today. Designed for storing cells, blood, serum and other biological fluids at temperatures as low as -196 °C, these sturdy polypropylene vials offer a high level of chemical resistance.

As described in the following pages, they are available in 3 different configurations and in 5 sizes from 1.2 ml to 5 ml. A large white marking area and printed graduations facilitate sample identification. Some models are free-standing while some others have only a round bottom. Self-standing vials have a locking base allowing opening and closing with only one hand while vials are used with the Simport Workstation. One important feature in the Simport Cryovial® design is being able to manufacture both the tube and cap from the same plastic, ensuring the same expansion coefficient, therefore a lasting seal.*

* The Cryolock vial has a polyethylene cap.

WARNING: Do not use Cryovials for storage in the liquid phase of liquid nitrogen. Such use may cause entrapment of liquefied nitrogen inside the vial and lead to pressure build-up resulting in possible explosion or biohazard release. Use appropriate safety procedures when handling and disposing of vials.

T311 CRYOVIAL® With Silicone Washer Seal

Specially formulated polypropylene

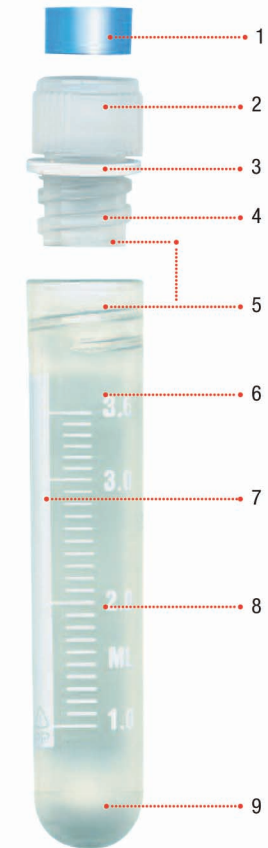
Designed for storing biological material, human or animal cells, at temperatures as low as -196 °C (**but should be used only in the gas phase of liquid nitrogen**). A silicone washer between cap and vial ensures a positive leakproof seal at all temperatures. A 1 1/4 turn of the cap is sufficient to seal the vial. Closure and vials are both manufactured of polypropylene with the same coefficient of expansion, ensuring an equally secure seal both at room temperature and at low cryogenic temperatures. Tubes have a white marking area, can be color coded with a CAPINSERT™ (Series T312) and are compatible with most storage systems. Only the round bottom vials can be centrifuged, and up to 17,000g. Sterilized by gamma radiation and packaged in unique tamperproof, resealable, safety-lock bags of 100. Autoclavable.

Certified RNase-, DNase-,
Pyrogen- and DNA-free

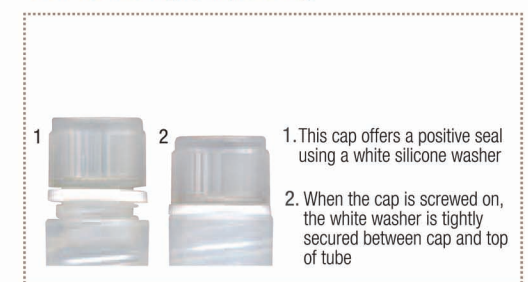


Cat. # T311-1 T311-2 T311-3 T311-4 T311-4A T311-5

Volume (ml)	1.2	2	2	4	4	5
Size (mm)	12,5 x 41	12,5 x 49	12,5 x 48	12,5 x 70	12,5 x 72	12,5 x 90
Self-Standing	•	•			•	
Round Bottom			•	•		•
Qty/Bag	100	100	100	100	100	100
Qty/Cs	1000	1000	1000	1000	1000	1000



- 1- A CAPINSERT™ is available in 11 different colors / Perfect for color coding (See T312 Series)
 - 2- Vertical ribs facilitate cap removal
 - 3- Silicone washer
 - 4- Super fast 1 1/4 turn thread design
 - 5- Both cap and tube are made of same polypropylene material, therefore same coefficient of expansion ensures secure seal at all temperatures*
 - 6- Thick wall makes vial almost unbreakable
 - 7- Large white marking area
 - 8- Excellent clarity makes sample easy to see
 - 9- Round bottom / Very easy to empty contents completely
- *T310-10A has a polyethylene cap



T309 CRYOVIAL® With Lip Seal Design

Made of specially formulated polypropylene

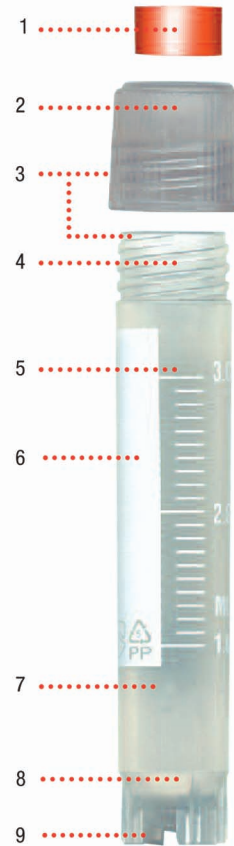
Designed for storing biological material, human or animal cells, at temperatures as low as -196 °C (**but should be used only in the gas phase of liquid nitrogen**). The cap features a long skirt for one hand aseptic methods, and a super fast thread design that allows tightening or removal with a mere 1 1/4 turn, and an inside thread design that will not contribute to possible contamination. A specially designed lip inside the cap ensures a leakproof seal even at very low temperatures. Closures and tubes are both made of polypropylene having the same coefficient of expansion, which further enhances the leakproof qualities of these vials at various temperatures. Tubes are provided with a white marking area for sample identification and can be color coded by the use of a CAPINSERT™ (Series T312). T309-2 can be centrifuged up to 17,000g. Vials are sterilized by gamma radiation and are packaged in unique tamperproof, resealable, safety-lock bags of 100. Autoclavable

Certified RNase-, DNase-,
Pyrogen- and DNA-free

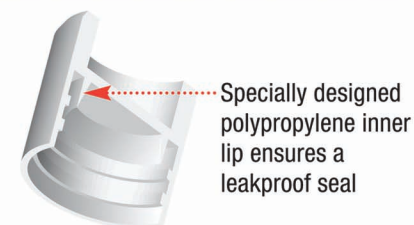


Cat. # T309-1A T309-2 T309-2A T309-3A T309-4A T309-5A

Cat. #	T309-1A	T309-2	T309-2A	T309-3A	T309-4A	T309-5A
Volume (ml)	1.2	2	2	3	4	5
Size (mm)	12.5 x 42	12.5 x 47	12.5 x 49	12.5 x 71	12.5 x 77	12.5 x 91
Self-Standing	•		•	•	•	•
Round Bottom		•				
Qty/Bag	100	100	100	100	100	100
Qty/Cs	1000	1000	1000	1000	1000	1000



- 1- A CAPINSERT™ is available in 11 different colors / Perfect for color coding (See T312 Series)
- 2- Vertical ribs facilitate cap removal
- 3- Both cap and tube are made of same polypropylene material, therefore same coefficient of expansion ensures secure seal at all temperatures
- 4- Super fast 1 1/4 turn thread design
- 5- Thick wall makes vial almost unbreakable
- 6- Large white marking area
- 7- Excellent clarity makes sample easy to see
- 8- Round bottom / Very easy to empty contents completely
- 9- Many sizes available as self-standing with universal locking base



Specially designed polypropylene inner lip ensures a leakproof seal

T310 CRYOVIAL® With Silicone Washer Seal

Made of specially formulated polypropylene

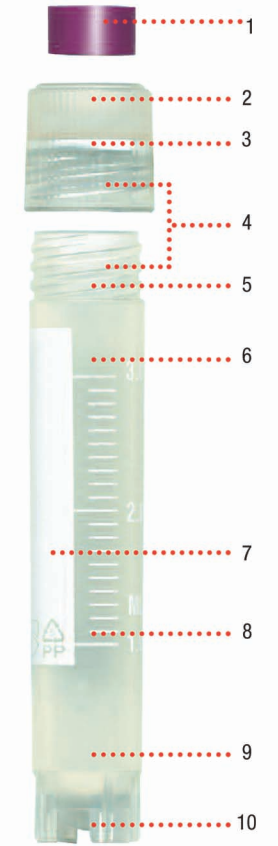
Designed for storing biological material, human or animal cells, at temperatures as low as -196 °C (**but should be used only in the gas phase of liquid nitrogen**). The cap features a long skirt for easy one hand aseptic methods, the same super fast thread design allowing it to be removed or sealed with a mere 1 1/4 turn, and the same inside thread design that will not contribute to possible contamination. But this cap also features an exclusive silicone seal fitted inside the cap to ensure a positive seal at any temperature, even the lowest of cryogenic temperatures. Tubes are provided with a white marking area for sample identification and can be color coded by the use of a CAPINSERT™ (Series T312). The Simport CRYOVIAL® is compatible with most storage systems. T310-2 can be centrifuged up to 17,000g. Vials are sterilized by gamma radiation and are packaged in unique tamperproof, resealable, safety-lock bags of 100. Autoclavable.

Certified RNase-, DNase-,
Pyrogen- and DNA-free



Cat. # T310-1A T310-2 T310-2A T310-3A T310-4A T310-5A T310-10A

Cat. #	T310-1A	T310-2	T310-2A	T310-3A	T310-4A	T310-5A	T310-10A
Volume (ml)	1.2	2	2	3	4	5	10
Size (mm)	12.5 x 42	12.5 x 47	12.5 x 49	12.5 x 71	12.5 x 77	12.5 x 91	17 x 84
Self-Standing	•		•	•	•	•	•
Round Bottom		•					
Qty/Bag	100	100	100	100	100	100	50
Qty/Cs	1000	1000	1000	1000	1000	1000	500



- 1- A CAPINSERT™ is available in 11 different colors / Perfect for color coding (See T312 Series)
- 2- Vertical ribs facilitate cap removal
- 3- Silicone washer
- 4- Both cap and tube are made of same polypropylene material, therefore same coefficient of expansion ensures secure seal at all temperatures
- 5- Super fast 1 1/4 turn thread design
- 6- Thick wall makes vial almost unbreakable
- 7- Large white marking area
- 8- Excellent clarity makes sample easy to see
- 9- Round bottom / Very easy to empty contents completely
- 10- Many sizes available as self-standing with universal locking base



Specially designed silicone washer ensures a leakproof seal