



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 $-196\text{ }^{\circ}\text{C}$, 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.

T309 CRYOVIAL®

External Thread Design with Lip Seal



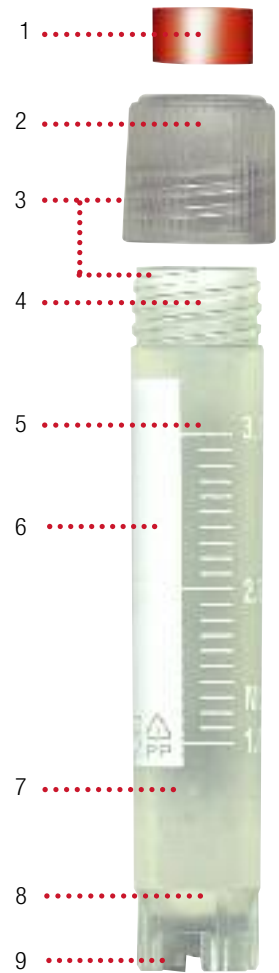
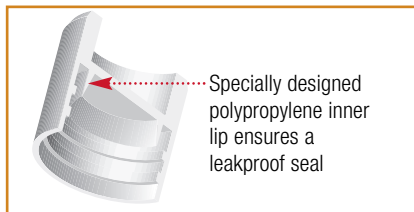
Made of specially formulated polypropylene

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 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

Tubes on this page are certified
RNase, DNase,
Pyrogen and DNA-free



For Capinsert™ for Cryovial
details, please refer to T312
on page 90.



- 1- A CAPINSERT™ is available in 11 different colors / Perfect for color coding (See T312 Series on page 90)
- 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

For IVD use

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

CRYOGENIC VIALS

T301 CRYOVIAL®

Internal Thread Design with Silicone O-ring Seal



Specially formulated polypropylene

Designed for safe storage at temperatures as low as -196 °C (but should be used only in the gas phase of liquid nitrogen). Only 1¼ turn of the cap is sufficient to screw the cap on the vial. The specially formulated silicone o-ring ensures a positive leakproof seal at all temperatures. Closure and vial are both made of polypropylene having 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 non skirted tubes can be centrifuged, and up to 17,000g. Sterilized by gamma radiation and packaged in unique tamperproof, resealable, safety-lock bags of 100. Autoclavable.

Tubes & caps on this page are certified RNase, DNase, Pyrogen and DNA-free



Feel the quality of your seal!

1. A positive leakproof seal is enhanced by a specially designed silicone o-ring around the cap
2. As you tighten it, you can feel the quality of your seal while you compress the o-ring between the tube wall and the cap, creating a tight closure



Cat. #	T301-1	T301-2	T301-3	T301-5
Volume (ml)	1.2	2	2	5
Size (mm)	12.5 x 41	12.5 x 49	12.5 x 48	12.5 x 90
Self-Standing	•	•		
Round Bottom			•	•
Qty/Bag	100	100	100	100
Qty/Cs	1000	1000	1000	1000

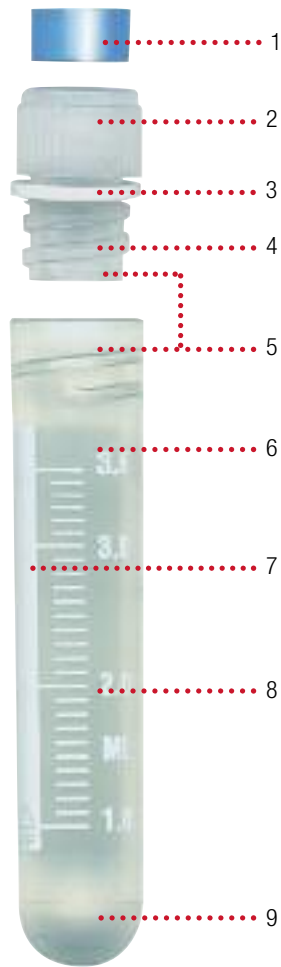


- 1- A CAPINSERT™ is available in 11 different colors / Perfect for color coding (See T312 Series on page 90)
- 2- Vertical ribs facilitate cap removal
- 3- Super fast 1¼ turn thread design
- 4- Both cap and tube are made of same polypropylene material, therefore same coefficient of expansion ensures secure seal at all temperatures
- 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 / Two sizes are self-standing with universal locking base

For IVD use

For Capinsert™ for Cryovial details, please refer to T312 on page 90.





T311 CRYOVIAL® Internal Thread Design 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 ¼ 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.



1. This cap offers a positive seal using a white silicone washer
2. When the cap is screwed on, the white washer is tightly secured between cap and top of tube

Tubes & caps on this page are certified RNase, DNase, Pyrogen and DNA-free



- 1- A CAPINSERT™ is available in 11 different colors / Perfect for color coding (See T312 Series on page 90)
- 2- Vertical ribs facilitate cap removal
- 3- Silicone washer
- 4- Super fast 1 ¼ 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



For IVD use

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



For Capinsert™ for Cryovial details, please refer to T312 on page 90.

CRYOGENIC VIALS

T308 CRYOVIAL®

External Thread Design with Lip and Silicone Washer Seal



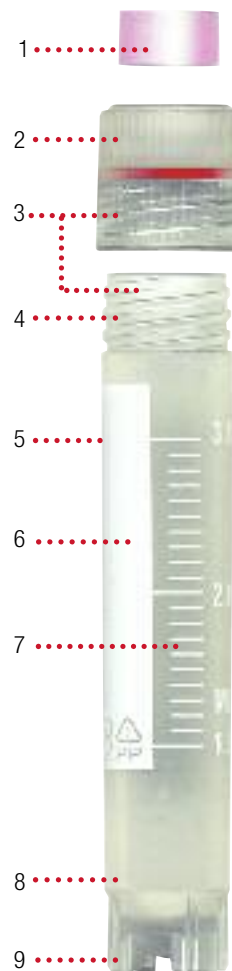
Made of specially formulated polypropylene

Designed for the storage of 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-handed aseptic technique, a super fast thread design allowing removal with only 1¼ turn, and an inside thread design that will not contribute to possible contamination. This cap also features an exclusive silicone washer fitted inside the cap to ensure a positive seal at any temperature, even the lowest of cryogenic temperatures. The tubes are provided with a white marking area for sample identification and can be color coded by the use of a CAPINSERT™ (Series T312 for choice of available colors). T308-2 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

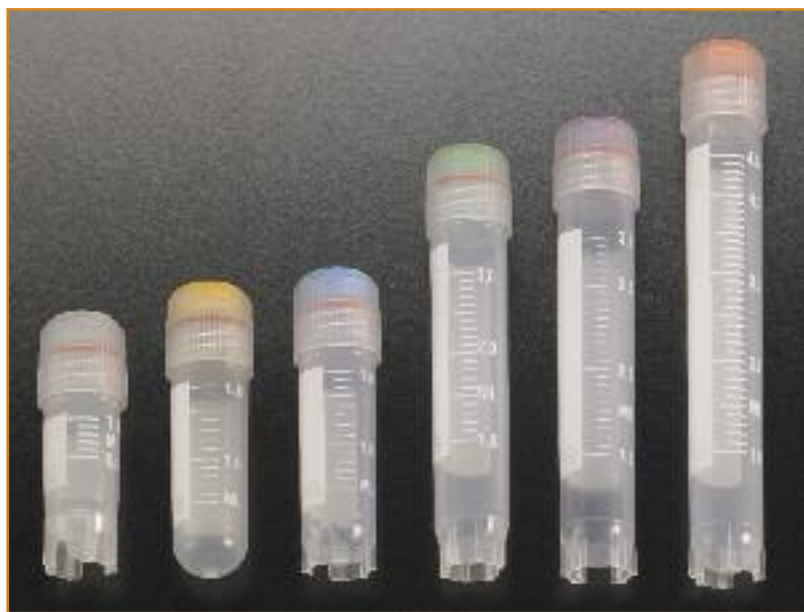
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For IVD use

Cat. #	T308-1A	T308-2	T308-2A	T308-3A	T308-4A	T308-5A
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

