

Corning® Cryogenic Vials

The advantages are easy to see

CORNING



Corning® Cryogenic Vials

In order to best meet your needs, Corning offers 2 styles of cryogenic vials as well as storage racks and boxes. Corning also provides a Cryogenic Preservation and Storage of Animal Cells Protocol (CLS-AN-023) at www.corning.com/lifesciences.

Cryogenic Vial Designs



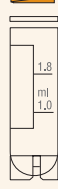
External Thread Cryogenic Vial

- ▶ Color-coded Polypropylene cap inserts simplify vial identification. Available in variety packs of white, blue, green, red, and yellow.
- ▶ Silicone washer provides a secure seal.
- ▶ Easy-to-read black graduations for partial volumes.
- ▶ Self-standing base, self-locking skirt.



Internal Thread Cryogenic Vial

- ▶ Color-coded Polypropylene cap inserts simplify vial identification. Available in variety packs of white, blue, green, red, and yellow.
- ▶ Silicone washers or rubber O-rings provide a secure seal.
- ▶ Easy-to-read black graduations for partial volumes.
- ▶ Self-standing base, self-locking skirt.



WARNING: Do not use cryogenic vials for storage in the liquid phase of liquid nitrogen. Only store vials in the vapor phase above the liquified gas. Always use appropriate safety equipment when removing vials from cryogenic storage.

Ordering Information

Products may not be available in all markets.

External Thread Cryogenic Vials

- ▶ Manufactured from Polypropylene to withstand temperatures to -196°C
- ▶ 40% larger marking spot
- ▶ Black graduations
- ▶ Vials have a silicone washer for a secure seal
- ▶ Vials may be color coded with inserts (Cat. No. 430499)
- ▶ Self-standing vials have a special base design allowing them to be locked into the cryogenic rack (Cat. No. 431131) for single-handed manipulation
- ▶ RNase-/DNase-free
- ▶ Nonpyrogenic
- ▶ Sterile



Cat. No.	Capacity (mL)	Style	Self-Standing	Qty/Pk	Qty/Cs
430658	1.2	Conical bottom	Yes	50	500
430659	2.0	Round bottom	Yes	50	500
430661	2.0	Round bottom	No	50	500
430662	4.0	Round bottom	Yes	50	500
430663	5.0	Round bottom	Yes	50	500
430674	5.0	Round bottom, bulk uncapped, unprinted	Yes	125	500



Internal Thread Cryogenic Vials

- ▶ Manufactured from Polypropylene to withstand temperatures down to -196°C
- ▶ 40% larger marking spot
- ▶ Black graduations
- ▶ Vials have a silicone washer or rubber O-ring for a secure seal
- ▶ Vials may be color coded with inserts (Cat. No. 430499)
- ▶ Self-standing vials have a special base design allowing them to be locked into the cryogenic rack (Cat. No. 431131) for single-handed manipulation
- ▶ RNase-/DNase-free
- ▶ Nonpyrogenic
- ▶ Sterile

Cat. No.	Capacity (mL)	Style	Self-Standing	Seal Type	Qty/Pk	Qty/Cs
430487	1.2	Conical bottom	Yes	Washer	50	500
430488	2.0	Round bottom	Yes	Washer	50	500
430489	2.0	Round bottom	No	Washer	50	500
430490	4.0	Round bottom	No	Washer	50	500
430491	4.0	Round bottom	Yes	Washer	50	500
430492	5.0	Round bottom	No	Washer	50	500
430656	5.0	Round bottom	Yes	Washer	50	500
431386	2.0	Round bottom	Yes	Washer	50	250

Cap Inserts for Cryogenic Vials

- ▶ Manufactured from Polypropylene
- ▶ Caps inserts provide color-coding for easy sample identification
- ▶ Inserts are packaged in resealable bags
- ▶ Cap inserts fit all Corning cryogenic vials
- ▶ Nonsterile



Cat. No.	Description	Qty/Pk	Qty/Cs
430499	Cap inserts, assorted colors (100 each of white, blue, red, green, and yellow)	50	500
2015	Cap inserts, white	50	500
2016	Cap inserts, blue	50	500
2017	Cap inserts, red	50	500
2018	Cap inserts, green	50	500
2019	Cap inserts, yellow	50	500

Cryogenic Vial Racks and Storage Boxes

Reusable racks are designed for use with most cryogenic vials.



Cat. No.	Description	Qty/Pk	Qty/Cs
431131	Vial rack, self-locking design, orange, Polypropylene, holds 50 vials	2	2
431119	1 to 2 mL cryogenic vial storage box, Polycarbonate, holds 81 vials	5	10
431120	4 to 5 mL cryogenic vial storage box, Polycarbonate, holds 81 vials	5	10
431121*	1 to 2 mL cryogenic vial storage box, Polycarbonate, holds 100 internal threaded vials	5	10

*431121 accepts internally threaded cryogenic vials only.

Warranty/Disclaimer: Unless otherwise specified, all products are for research use or general laboratory use only.* Not intended for use in diagnostic or therapeutic procedures. Not for use in humans. These products are not intended to mitigate the presence of microorganisms on surfaces or in the environment, where such organisms can be deleterious to humans or the environment. Corning Life Sciences makes no claims regarding the performance of these products for clinical or diagnostic applications. *For a listing of US medical devices, regulatory classifications or specific information on claims, visit www.corning.com/resources.

Corning's products are not specifically designed and tested for diagnostic testing. Many Corning products, though not specific for diagnostic testing, can be used in the workflow and preparation of the test at the customers discretion. Customers may use these products to support their claims. We cannot make any claims or statements that our products are approved for diagnostic testing either directly or indirectly. The customer is responsible for any testing, validation, and/or regulatory submissions that may be required to support the safety and efficacy of their intended application.

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