

Different Makes The Difference



CellSeal[®]
CLOSED-SYSTEM CRYOGENIC VIALS

The CellSeal vial is different, like your therapy. It's radical. It's disruptive.

The CellSeal vial is unlike conventional bags and stoppered or screwcap vials because of its unique design¹. It is created from USP class VI materials chosen specifically for their resistance to chemicals, durability under true cryogenic temperatures, and maximum cell recovery upon retrieval.

This difference in the design means you get:

- **Consistency:** uniform freezing and thawing profile
- **Durability:** fracture resistance
- **Safety:** heat sealed to prevent contamination
- **Usability:** maximum recovery
- **Flexibility:** multiple fill ports and sizes
- **Scalability:** choice of manual or automated filling

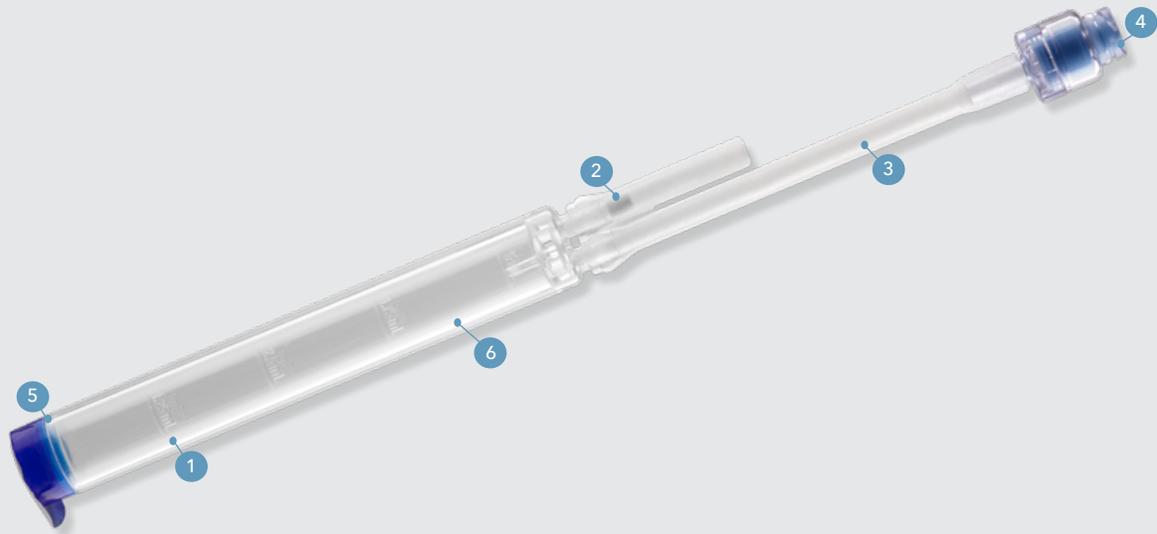
With the patented CellSeal vial design, you can reduce risks and add control from early stage product concepts through commercialization.

CellSeal Closed-System Cryogenic Vials, how different makes the difference. To learn more, ask your Cook Regentec representative.



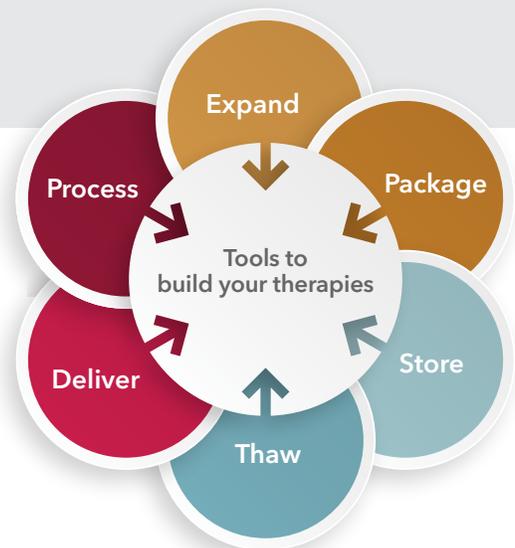
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CellSeal® Closed-System Cryogenic Vials



- 1 Cyclic olefin co-polymer material makes vials break-resistant at cryopreservation storage temperatures to -196°C
- 2 Microbial-barrier vent provides ambient pressure fill and prevents contamination
- 3 Sealed design protects against virus contamination in liquid or vapor-phase nitrogen storage
- 4 Syringe and pipette fill port options provide compatibility with your procedure protocols
- 5 Conical bottom allows for maximum recovery
- 6 Volume sizes scale from manual filling to large-scale automation

CellSeal Closed-System Cryogenic Vials, unlocking the tools to build your therapies.



From concept to commercialization, Cook Regentec creates tools to help you build your therapies.

Customer Service

Phone: +1 317.917.3450
Toll-free in the United States: +1 800.265.0945
E-mail: customer-service@cookregentec.com

Cook Regentec
1102 Indiana Avenue
Indianapolis, IN 46202 U.S.A.

This product may not be available in all regulatory jurisdictions.

1. Woods, E., and Thirumala, S. (2017). *Review: The Industry's Need for Closed-System Cryogenic Storage* [White paper].



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