

# CellSTACK®, 5 Chambers

CellSTACK®, 5 chambers, 2/case

Catalog # 38076

2 Each



Scientists Helping Scientists™ | [WWW.STEMCELL.COM](http://WWW.STEMCELL.COM)

TOLL FREE PHONE 1 800 667 0322 • PHONE +1 604 877 0713

[INFO@STEMCELL.COM](mailto:INFO@STEMCELL.COM) • [TECHSUPPORT@STEMCELL.COM](mailto:TECHSUPPORT@STEMCELL.COM)

FOR GLOBAL CONTACT DETAILS VISIT OUR WEBSITE

## Product Description

CellSTACK® by Corning® is ideal for cell culture scale-up. The chambers produce an average yield of  $6.36 \times 10^7$  cells per chamber, and are useful alternatives to multiple roller bottles or spinner flasks. CellSTACK® is made of sterilized, non-pyrogenic polystyrene with high optical clarity. Each chamber has  $636 \text{ cm}^2$  of cell growth area and each stack has two 26 mm diameter filling ports with direct access to chamber bottom to provide greater flexibility for sterile filling and emptying by pouring, pipetting, or via tubing in a fully closed system. Filling ports have standard 33 mm threaded caps with  $0.2 \mu\text{m}$  pore non-wettable membranes that are sealed directly to the caps to allow gas exchange while minimizing the risk of contamination.

5-Chamber - 2 Units/case (Corning Catalog #3319)

2-Chamber - 5 Units/case (Corning Catalog #3269)

1-Chamber - 8 Units/case (Corning Catalog #3268)

### APPLICATIONS

- Cell culture

## Properties

**Storage:** Store at 15 - 25°C.

**Shelf Life:** Stable until expiry date on manufacturer label.

## Features

### MATERIALS

- Flask: optically clear polystyrene on top, middle, and bottom plates
- Cap: high-density polyethylene
- Vent filter:  $0.2 \mu\text{m}$  polyester non-woven membrane
- Growth area is tissue culture-treated for optimal cell attachment
- Non-pyrogenic

### DIMENSIONS

- Flask: 335 x 206 x 124 mm (length x width x total height)
- Neck: 26 x 32 mm (inner diameter x outer diameter with threads)
- Cap: 33 mm (diameter)
- Distance between plates: 17 mm

### CAPACITY

- Approximate cell growth area of  $3180 \text{ cm}^2$
- Recommended working volume of 650 - 1000 mL

### STERILITY

- Gamma irradiation

## Handling / Directions For Use

For complete instructions, refer to the Technical Manual: Corning® CellSTACK® Culture Chambers Instruction Manual available at [www.stemcell.com](http://www.stemcell.com) or contact us to request a copy.

## Notes and Tips

For chemical resistance or thermoplastic property information, contact us at [techsupport@stemcell.com](mailto:techsupport@stemcell.com).

## Related Products

For a complete list of related products available from STEMCELL Technologies, visit [www.stemcell.com](http://www.stemcell.com) or contact us at [techsupport@stemcell.com](mailto:techsupport@stemcell.com).

STEMCELL TECHNOLOGIES INC.'S QUALITY MANAGEMENT SYSTEM IS CERTIFIED TO ISO 13485. PRODUCTS ARE FOR RESEARCH USE ONLY AND NOT INTENDED FOR HUMAN OR ANIMAL DIAGNOSTIC OR THERAPEUTIC USES UNLESS OTHERWISE STATED.

Copyright © 2018 by STEMCELL Technologies Inc. All rights reserved including graphics and images. STEMCELL Technologies & Design, STEMCELL Shield Design, and Scientists Helping Scientists are trademarks of STEMCELL Technologies Canada Inc. CellSTACK and Corning are registered trademarks of Corning Incorporated. All other trademarks are the property of their respective holders. While STEMCELL has made all reasonable efforts to ensure that the information provided by STEMCELL and its suppliers is correct, it makes no warranties or representations as to the accuracy or completeness of such information.