



**LAMPIRE**  
BIOLOGICAL LABORATORIES

**45** YEARS **STRONG**

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# OMNI C3<sup>®</sup> Cell Culture Bags



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## Cell Culture Bags



- Cell Culture & Harvest
- Cryo-Storage
- Centrifugation
- Leak Tested
- Aseptic Inoculation
- Electron Beam Irradiated
- Efficient Transfer of Gases
- Customizable Configurations & Volumes
- Reduced Biological Waste
- Connect for Production Scale-Up

LAMPIRE OMNI C3<sup>®</sup> Cell Culture Bags are a simple, single-use bag, manufactured for the culture, harvest and storage of cells. Gas permeable, the OMNI C3<sup>®</sup> Cell Culture Bag allows for the efficient transfer of gases, making it unnecessary for gassing the cultures. In addition, or in lieu of the screw cap fitment (which facilitates cell harvesting) the bags can be fitted with Luer-lock ports and/or needle ports for aseptic inoculation and sampling. These connections minimize the opportunity for culture contamination. Ports can be used to connect several bags in a series for production scale-up. OMNI C3<sup>®</sup> Cell Culture Bags can be customized to include the quantity, and type of ports needed for each project. Our bags support rapid cell growth and are hardy enough to be used in centrifugation and/or for long-term cryo-cell storage. Also, using collapsible bags will reduce the amount and cost of biological waste collection in your lab.

The OMNI C3<sup>®</sup> Cell Culture Bag will perform well with suspension cell lines such as hybridoma, CHO and HEK293. Adherent cell lines can be grown with the addition of an artificial polyester mesh substrate. Cell scaffold material is also available as an option and can maximize the production of anchorage dependent cells. These research use only bags are available in multiple standard sizes and configurations, or can be customized for your project needs. Looking for optimal cell growth? Make sure to sample our catalog cell culture media products or reach out to our technical team to have your own custom formula manufactured. See our product listing or contact Customer Service for more information.

### Applications

- Suspension Cells
- Hybridoma, CHO, HEK293
- Customizable Configurations
- Adherent Cells
- Anchorage Dependent Cells

### Benefits

- High Productivity
- High Gas Permeability
- Increased Cell Counts
- Increased Antibody Yields
- Quicker Doubling Time
- Greater Cell Viability

### Volume Sizes

- 50 mL
- 250 mL
- 1 Liter
- 2 Liter
- 5 Liter
- 10 Liter

### Storage Recommendation

- Store in Ambient Temperature.
- Do not leave in direct sunlight.

### Shelf Life

- 3 years

### Appearance

- Clear and Colorless

### Leak Test

- Tested at 2 psig pressure
- 1-4 cc/ min leak rate,
- 4-10 sec cycle time

## THE LAMPIRE ADVANTAGE!

- ✓ **Experienced** technical partner with over 45 years servicing the life science industry
- ✓ **Knowledgeable** and responsive sales / customer service staff
- ✓ **Competitive** pricing, from research sized to bulk quantities
- ✓ **Customizable** products available to meet your specifications