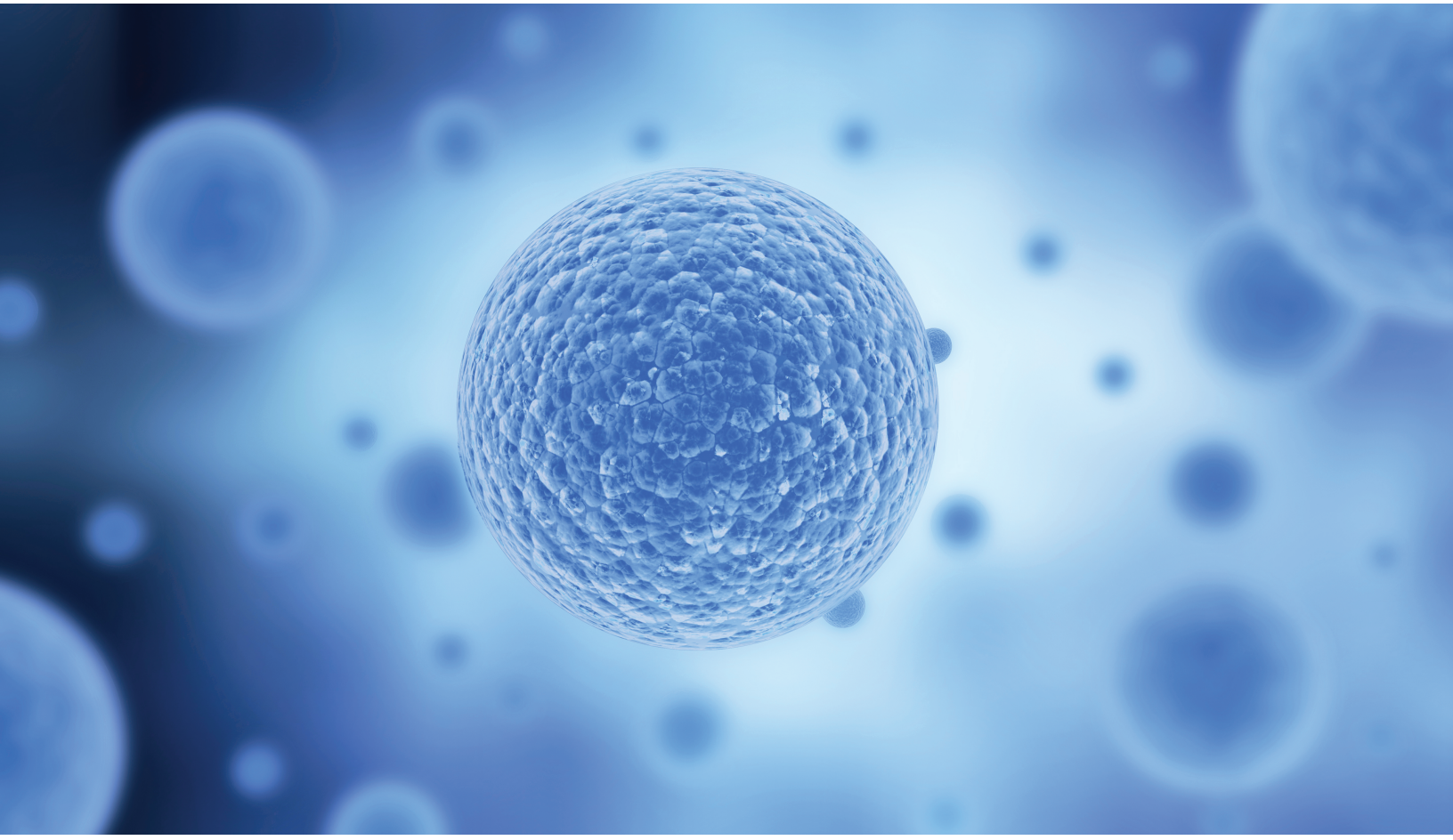
Instant™ SYSTEMS

Packaging ™
Engineered
for Life

BioLoc™

Customizable single-use bioprocessing (BPC) bags



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BioLoc™

Customizable, single-use bioprocessing (BPC) bags

Single-use, closed-system container bags for processing biological materials.

PRODUCTION AND PRESERVATION

BioLoc™ bioprocessing (BPC) bags are designed to support the optimum conditions for maximum cell maturation and production. Each **Bio**Loc™ bags is engineered to both provide a safe environment for cell growth and to protect cellular material at cryo temperatures. (as low as -196 C˚).

IDEAL BIOLOGICAL ENVIRONMENT

BioLoc™ bioprocessing (BPC) bags are biologically, chemically & immunologically inert. The closed system configuration is virtually impermeable to H_2O and has optimum O_2, CO_2 and N_2 gas transfer rates.

ENGINEERED TO ANY APPLICATION

BioLoc™ bioprocessing (BPC) bags are manufactured using optically clear, class VI, medical grade, virgin film. **Bio**Loc™ (BPC) bags are available in virtually any size and volume with an array of port options and system configurations.

Product Details

BioLoc™ bioprocessing (BPC) bags and processing systems are designed to support cell culture, fermentation, separation, purification and laboratory fluid management. Each single-use, closed- system allows gas transference through the permeable barrier membrane while limiting virtually all H_2O loss.

Manufactured using Virgin, class VI FEP, **Bio**Loc™ bioprocessing (BPC) bags and processing systems are flexible and stable at ultra-low temperatures if cryopreservation, cryo-storage or cryo-transport are required.

- Manufactured in ISO 6 clean room
- Biologically and chemically inert
- Films conform to USP Class VI
- No plasticizes or leach-ables
- Excellent gas transfer rates.
- Virtually impermeable to H_20
- Humidified incubators may not be required
- Clear design for microscopy
- 95% transmission of UV, visible & infrared.
- Flexible and stable at cryo-temperatures
- High dielectric strength
- **Temperature to -196 °C**

Barrier Materials

Fluorinated Ethylene Propylene - FEP material is a transparent, thermoplastic film that can be heat sealed, thermoformed, vacuum formed and heat bonded.

Accessories

All packaging system accessories are stable at cryogenic temperatures.

- BPC Ports and tubing connectors
- BPC Overwrap and Sterility Covers
- **Bio**Loc™ Clamps
- **Bio**Loc™ Labels
- **Bio**Loc™ Boxes

Customization

BioLoc™ bioprocessing (BPC) bags are custom engineered to size, volume and port configurations.

- Pouch and overwrap dimensions
- Pouch operating and max volume
- Ports and connection specifications
- Tubing sets
- Label pouch design (optional)
- Kit packing

Film Sizes

Standard untrimmed, max width:

- 1.25" x roll length
- 3" x roll length
- 4" x roll length
- 5.5" x roll length
- 7" x roll length

For more information:

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