

# Corning® Mini Bioreactor

CORNING

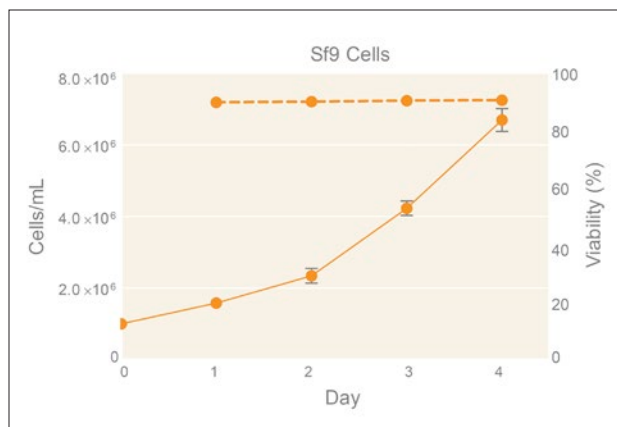
The new Corning Mini Bioreactors are ideal for high throughput process optimization for suspension cell culture. The product consists of the Corning 50 mL centrifuge tube with a vented cap. This product is used in the following applications:

- ▶ Cell line development
- ▶ Clone selection
- ▶ Media optimization
- ▶ Recombinant protein development

## Features and Benefits

- ▶ Polypropylene tube with large marking spot to clearly identify tube contents and experimental parameters
- ▶ Polyethylene cap with 4 vents; hydrophobic membrane provides gas exchange
- ▶ Sterile
- ▶ Nonpyrogenic
- ▶ RNase-/DNase-free





**Suspension cell growth using Corning® mini bioreactors.** Corning mini bioreactor functionality was assessed using Sf9 insect cells seeded at 1 x 10<sup>6</sup> cells/mL in 20 mL of SF900™ II SFM (Invitrogen Cat. No. 11496015). Three vessels were set up, and cells were grown for 4 days at 27°C with shaking at 210 rpm. Viable cell counts were quantified each day using the BioProfile FLEX® analyzer (Nova Biomedical). The study was repeated 3 independent times. Left axis shows average daily Sf9 viable cell densities throughout the culture period. Right axis shows Sf9 viability (n = 9) for each day.

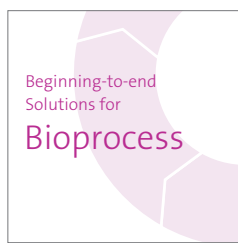
## Ordering Information

### Corning Mini Bioreactor

Cat. No.	Description	Qty/Pk	Qty/Cs
431720	Mini Bioreactor, 50 mL with polypropylene vented caps, hydrophobic membrane	25	300

For more specific information on claims, visit the Certificates page at [www.corning.com/lifesciences](http://www.corning.com/lifesciences).

**Warranty/Disclaimer:** Unless otherwise specified, all products are for research use only. Not intended for use in diagnostic or therapeutic procedures. Corning Life Sciences makes no claims regarding the performance of these products for clinical or diagnostic applications.



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Corning is built upon a foundation of innovation and manufacturing excellence. Over the past 160 years, we have strived to offer the highest quality products to ensure reproducibility and reliability in your daily operations. While our experience is undeniable, our expertise in product applications completes the spectrum of support we offer.

Corning single-use adhesion and suspension cell culture products enable scale-up in bioprocess manufacturing. From cell line development and process development to GMP manufacturing, our vessels provide the necessary platform to accomplish your goals. Supporting products such as Closed System Solutions, media, and advanced surfaces round out the product offering, providing a complete solution.

For additional product or technical information, visit [www.corning.com/lifesciences](http://www.corning.com/lifesciences) or call 800.492.1110. Customers outside the United States, call +1.978.442.2200 or contact your local Corning sales office.

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