

3000mL Roller Bottle

Cell culture roller bottles are commonly used for large-scale culture of anchorage-dependent cells, such as fibroblasts, epithelial cells, and certain tumor cells. They can also be used for the culture of suspension cells.

Jet Biofil's newly launched 3000mL cell culture roller bottles are crafted with medical-grade PS material that meets USP Class VI standards. The bottle body is not only sturdy, but also more lightweight and shatter-resistant compared to traditional glass roller bottles, which make it less prone to breakage, and more flexible and safe when used with automated equipment. Product has extremely low extractable levels and excellent biosafety, making it suitable for laboratory cell culture and linear scaling in bioprocesses, ideal for research and production in fields such as recombinant proteins, monoclonal antibodies, and viral vaccines.



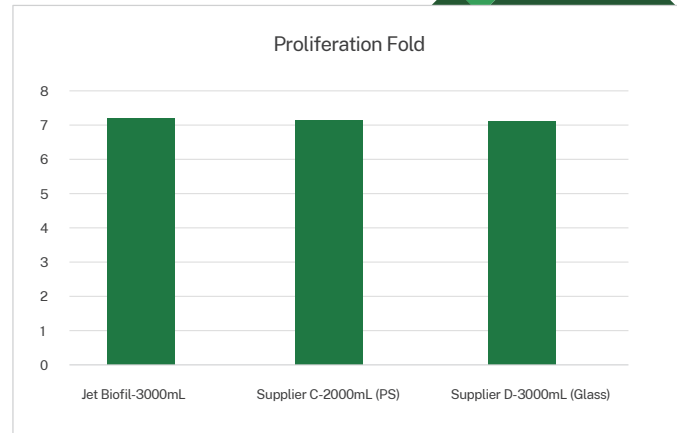
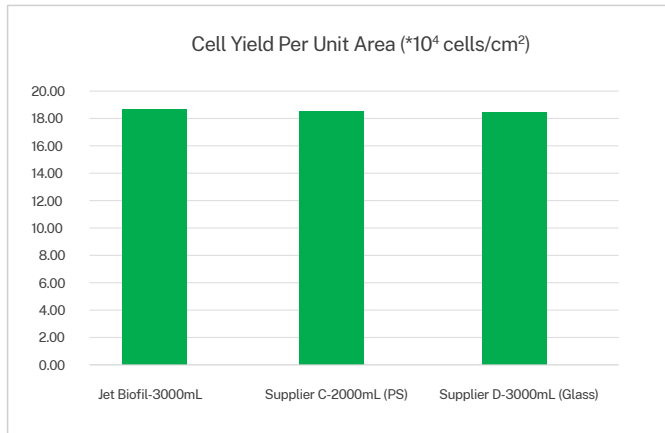
Specification: 3000mL Cap Type: Plug Seal Vent
 Surface Area: 1550cm² Surface: Non-treated TC-treated
 Materials: Bottle Body: Polystyrene (PS), Bottle Cap: High-density Polyethylene (HDPE), Cap Filter Membrane: Polytetrafluoroethylene (PTFE), all conforming to USP Class VI standards

Features

- ◆ Made from medical-grade PS material that meets USP Class VI standards, the bottle is lightweight with uniform thickness, and shatter-resistant
- ◆ Highly transparent, with clear and accurate graduations on bottle wall for easy observation ①
- ◆ Bottle cap with coarse stripes for easy screwing, and the 0.22μm membrane within the vent cap promotes gas exchange and ensures sterility ②
- ◆ Integrally molded, 100% undergone for production line air tightness test ③
- ◆ Extremely low extractable levels and excellent biosafety, multiple assessments verified
- ◆ Compatible with most common bottle rollers and automation equipment
- ◆ Individually sterile packaged, every bottle is printed with the lot No. for quality traceability
- ◆ Sterilized by irradiation, SAL 10⁻⁶; DNase/RNase-free, non-pyrogenic, non-cytotoxic



Vero Cells Cultivation Assessment



Vero cells were seeded at a density of 2.59×10^4 cells/cm² into Jet Biofil's 3000mL cell culture roller bottle, and the roller bottles from internationally renowned supplier D and C. The cultures were incubated for 120 hours at a rotation speed of 10 rph, and the cell yield per unit area and proliferation fold were recorded for each.

Conclusion: The results indicated that the cell yield per unit area and proliferation fold of Vero cells cultured in Jet Biofil's 3000mL cell culture roller bottle demonstrated comparable performance to that of internationally renowned suppliers.

Ordering Information

3000mL Roller Bottles, Suspension Cell Culture, Non-treated

Cat. No.	Volume (mL)	Working Volume (mL)	Cap Style	Height (mm)	B.D* (mm)	B.N.D* (mm)	Sterile	Qty. Per Pack	Qty. Per Case
TCB001003	3000	310-470	Plug Seal Cap	480	110	45	Y	1	12
TCB002003	3000	310-470	Vent Cap	480	110	45	Y	1	12

3000mL Roller Bottles, Cell Culture, TC-treated

Cat. No.	Volume (mL)	Cell Growth Area(cm ²)	Working Volume(mL)	Cap Style	Height (mm)	B.D* (mm)	B.N.D* (mm)	Sterile	Qty. Per Pack	Qty. Per Case
TCB011003	3000	1550	310-470	Plug Seal Cap	480	110	45	Y	1	12
TCB012003	3000	1550	310-470	Vent Cap	480	110	45	Y	1	12

B.D: Bottom Diameter / B.N.D: Bottle Neck Diameter

