

# Bio-Reaction Tube with Septum

The Bio-Reaction Tube with Septum is a type of bio-reaction tube that enables direct liquid adding or sampling using an injection needle without the need to remove the cap. It can be used for suspension cell and microbial culture and is widely applied in cell line research, clone selection, medium optimization, and recombinant protein development.

The Bio-Reaction Tube with Septum from JET BIOFIL features a silicone pierceable septum added on the basis of the vent cap. The pierceable septum is designed with a cross-shaped slit that can be closed repeatedly, allowing multiple piercing while maintaining excellent sealing. This enables direct liquid adding or sampling without removing the cap, reducing contamination risk and making it compatible with automated liquid-handling stations in labs.

- ⊙ Specification: 50 mL
- ⊙ Material: Tube: Polypropylene (PP), Tube cap: High-density polyethylene (HDPE), Pierceable septum: Silicone, Filter membrane: Polytetrafluoroethylene (PTFE), conforming to USP Class VI standards.

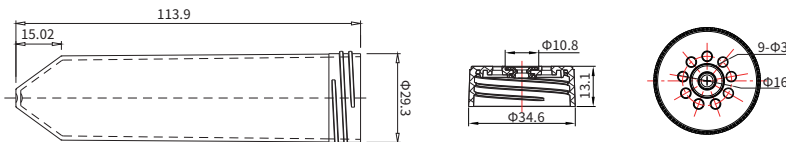


## Features:

- ✦ The pierceable septum in the cap features a cross-shaped slit design<sup>®</sup>, which can be closed repeatedly without the need to remove the cap for sampling or adding liquids, reducing the risk of contamination
- ✦ Compatible with injection needles up to a maximum of 2.1mm in diameter
- ✦ The 0.22μm PTFE hydrophobic vent cap<sup>®</sup> not only provides sterile protection but also allows for better gas exchange
- ✦ The large white marking area is designed on the tube for easy labeling and recording, resistant to wiping with alcohol
- ✦ The graduations on the tube body are marked with the maximum volume for liquid adding when freezing, with clear black markings on the surface for easy observation<sup>®</sup>
- ✦ Maximum RCF: 12,000×g
- ✦ Sterilized by irradiation, SAL 10<sup>-6</sup>, DNase/RNase-free, non-pyrogenic, non-cytotoxic

Notice: This product is not suitable for autoclaving. Recommended operating temperature: -80°C to 60°C.  
Customized Service: We offer customized service such as adding barcodes to better suit automated liquid-handling stations

## Product Dimension (mm)



## Ordering Information

Cat. No.	Capacity (mL)	Bottom	Maximum RCF (×g)	Sterile	Package	Qty. Per Bag	Qty. Per Case
BRT020050	50.0	Conical bottom	12,000	Y	Re-sealable bag	10	100

Shelf life: 3 years



Official Website



LinkedIn

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