

T150 U-shaped Cell and Tissue Culture Flask

Cell culture flasks are one of the most widely used consumables by life science researchers in cell-based experiments and assays. Compared to common rectangular cell culture flasks, Jet Biofil's T150 U-shaped cell culture flask features a rounded shoulder design that effectively reduces dead corners for pipettes and cell scraping tools, while also providing a more comfortable grip. This design enhancement ensures efficient cell harvesting processes and a more ergonomic tissue culture experience for researchers, without compromising cell growth capabilities.

Specification: T150 U-shaped Growth Area: 150cm²
 Type of Cap: Plug Seal Vent Surface: Non-treated TC-treated

Materials:

Flask Body: Polystyrene (PS), Flask Cap: High-density Polyethylene (HDPE), Filter Membrane: Polytetrafluoroethylene (PTFE), all conforming to USP Class VI standards.



Features

- U-shaped rounded flask shoulders achieve more efficient cell harvesting that reduces dead corners, which pipette and cell scrapers difficult to reach. ①
- The T150U flask boasts a lower profile compared to rectangular culture flasks of the same growth area, conserving valuable space within CO₂ incubators.
- Featuring a larger bottle neck diameter compared to rectangular culture flasks, supporting the entry and exit of 50ml pipettes.
- Providing writing areas on both shoulders of flask body for quick noting. ②
- Providing volume graduations molded on both sides of flask body. ③
- Positioning ring design on flask body edges supports stable stacking of multiple flasks.
- 100% tested for production line leakage
- Sterilized by irradiation, SAL 10⁻⁶, DNase/RNase-free, non-pyrogenic and non-cytotoxic.



L929 cells were seeded into Jet Biofil's T182 rectangular flask and T150 U-shaped flask at a density of 2×10^4 cells/cm². After staining with crystal violet dye, observation revealed that both types of flasks supported uniform cell growth.



Plug Seal Cap



Vent Cap



Ordering Information

Cat. No.	Volume (mL)	Surface Type	Cell Culture Surface Area (cm ²)	Recommended Working Volume (mL)	Maximum Working Volume (mL)	Dimensions(mm)	Type of Cap	Sterile	Qty. Per Bag	Qty. Per Case
TCF011150	375	TC-treated	150.0	30-45	140	Length: 199.7 Width: 111.3 Height: 39.5 Bottle Neck Diameter: 25.6	Plug Seal	Y	5	50
TCF022150	375	TC-treated	150.0	30-45	140		Vent	Y	5	50
TCF001150	375	Non-treated	150.0	/	140		Plug Seal	Y	5	50
TCF002150	375	Non-treated	150.0	/	140		Vent	Y	5	50

