Cell Culture Flask

(#70012/70112/70312/70212/70025/70125/70325/70225/70075/70157/70375/70275/71175/72175/74175/73175/700225/701225)

1. Description

Cell Culture Flasks of SPL Life Sciences are ergonomically designed for easy handling, while achieving minimal contamination during cell culture. Short, wide and angled neck design enables easy access of serological pipettes and cell scrapers. Flasks are divided into 6 types, depending on the culture scale and the cap type. Cell growth area for T12.5, T25, T75 and T175 are 12.5 cm^2, 25 cm^2, 75 cm^2, 175 cm^2 and 225 cm^2 respectively. Each flask can be provided with plug or filter caps.

2. Features

- Ergonomic design to facilitate easy handling and minimize contamination
- Short & wide neck with angled design allow easy access
- Excellent stackability
- Plugs & filter caps are available for all flask models
- Cell growth area ranging from 12.5 cm^2, 25 cm^2, 75 cm^2, 175 cm^2, 225 cm^2
- Venting position for 175 cm^2 plug cap model (Cat. No. 72175, 73175, 701225)
- Non-treated models (for suspension culture) are provided with white caps

3. Functional Test

Sterility	:	Passed
Cytotoxicity	:	Passed
Non-Pyrogenic	:	Passed
RNase/DNase free	:	Passed
DNA free	:	Passed

4. Product Range

T12.5 Flask

Cat.No.	Material	Cap Type	Growth Area (cm^2)	Working Volume (ml)	Total Volume (ml)	Surface Treatment	Sterile	Packaging
70012	PS	Filter	12.5	5	25	+	+	5 / 200
70112	PS	Plug	12.5	5	25	+	+	5 / 200
70312	PS	Filter	12.5	15	25	-	+	5 / 200
70212	PS	Plug	12.5	15	25	-	+	5 / 200

T25 Flask

Cat.No.	Material	Cap Type	Growth Area (cm^2)	Working Volume (ml)	Total Volume (ml)	Surface Treatment	Sterile	Packaging
70025	PS	Filter	25	7	60	+	+	5 / 200
70125	PS	Plug	25	7	60	+	+	5 / 200
70325	PS	Filter	25	40	60	-	+	5 / 200
70225	PS	Plug	25	40	60	-	+	5 / 200

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T75 Flask

Cat.No.	Material	Cap Type	Growth Area (cm^2)	Working Volume (ml)	Total Volume (ml)	Surface Treatment	Sterile	Packaging
70075	PS	Filter	75	25	250	+	+	5/100
70175	PS	Plug	75	25	250	+	+	5/100
70375	PS	Filter	75	170	250	-	+	5/100
70275	PS	Plug	75	170	250	-	+	5/100

T175 Flask

Cat.No.	Material	Cap Type	Growth Area (cm^2)	Working Volume (ml)	Total Volume (ml)	Surface Treatment	Sterile	Packaging
71175	PS	Filter	175	50	650	+	+	5/40
72175	PS	Plug	175	50	650	+	+	5/40
74175	PS	Filter	175	450	650	-	+	5/40
73175	PS	Plug	175	450	650	-	+	5/40

T225 Flask

Cat.No.	Material	Cap Type	Growth Area (cm^2)	Working Volume (ml)	Total Volume (ml)	Surface Treatment	Sterile	Packaging
700225	PS	Filter	225	60	850	+	+	5/25
701225	PS	Plug	225	60	850	+	+	5/25

5. Certification

SPL Life Sciences hereby certifies that the product identified above, inspected to be in compliance with product quality specification and requirements as documented in our ISO 9001:2015 Quality Management System (K-QA-Q031478) in Korea.

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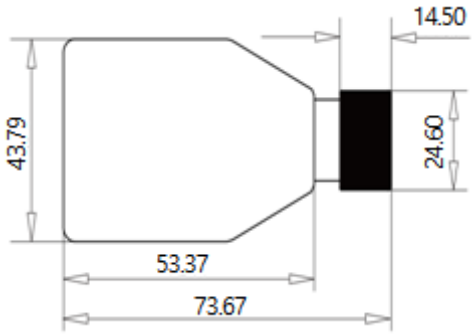
6. Specifications & Technical Drawing

(1) T12.5 Cell Culture Flask (#70012/70112/70312/70212)
- Specifications

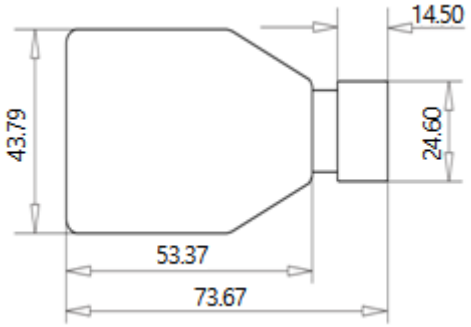
Dimensions				Material (Resin)	Packaging
Cap		Body			
Width:	24.60 mm	Length:	51.53 mm	Crystal–grade polystyrene (PS)	▪ Pieces/Sleeve: 5 ▪ Pieces/Case: 200
Height:	14.50 mm	Width:	43.79 mm		
		Height:	27.60 mm		
Total Volume:		25.00 ml			
Growth Area:		12.50 cm^2			

- Technical Drawing

Cell Culture-Treated (#70012/70112) – Green Caps
Working Volume: 5.00 ml



Non-Treated (#70312/70212) – White Caps
Working Volume: 15.00 ml



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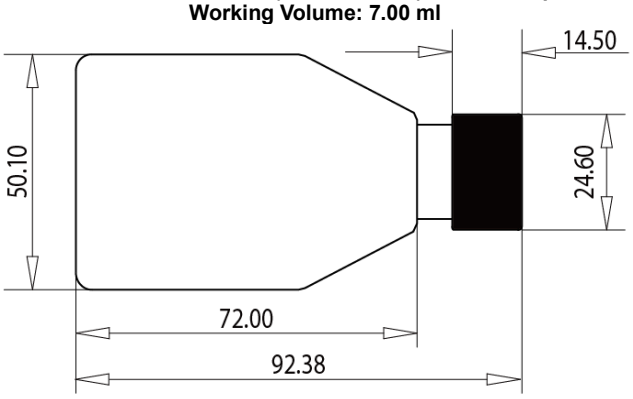
(2) T25 Cell Culture Flask (#70025/70125/70325/70225)

- Specifications

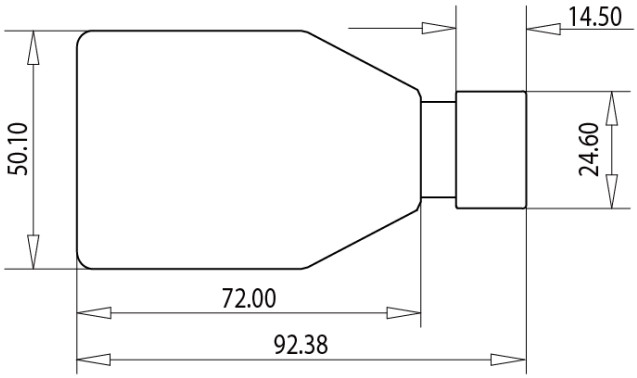
Dimensions				Material (Resin)	Packaging
Cap		Body			
Width:	24.60 mm	Length:	72.00 mm	Crystal–grade polystyrene (PS)	▪ Pieces/Sleeve: 5 ▪ Pieces/Case: 200
Height:	14.50 mm	Width:	50.10 mm		
		Height:	27.60 mm		
Total Volume:		60.00 ml			
Growth Area:		25.00 cm^2			

- Technical Drawing

Cell Culture-Treated (#70025/70125) – Green Caps
Working Volume: 7.00 ml



Non-Treated (#70325/70225) – White Caps
Working Volume: 40.00 ml



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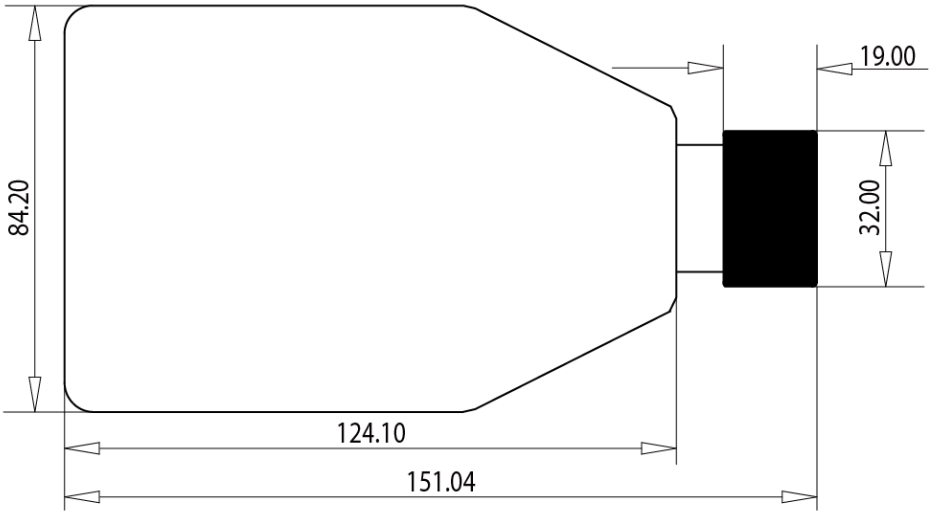
(3) T75 Cell Culture Flask (#70075/70175/70375/70275)

- Specifications

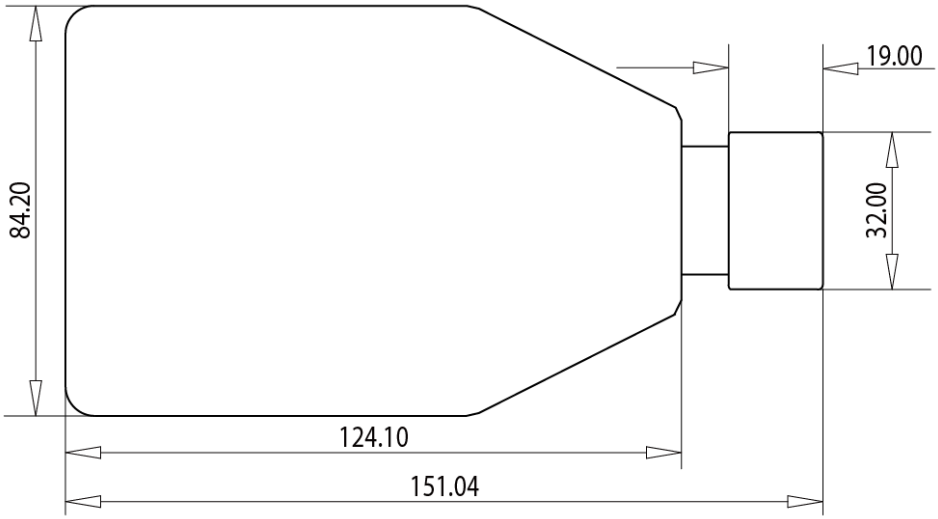
Dimensions				Material (Resin)	Packaging
Cap		Body			
Width:	32.00 mm	Length:	124.10 mm	Crystal–grade polystyrene (PS)	▪ Pieces/Sleeve: 5 ▪ Pieces/Case: 100
Height:	19.00 mm	Width:	84.20 mm		
		Height:	39.60 mm		
Total Volume:		250.00 ml			
Growth Area:		75.00 cm^2			

- Technical Drawing

Cell Culture-Treated (#70075/70175) – Green Caps
Working Volume: 25.00 ml



Non-Treated (#70375/70275) – White Caps
Working Volume: 170.00 ml



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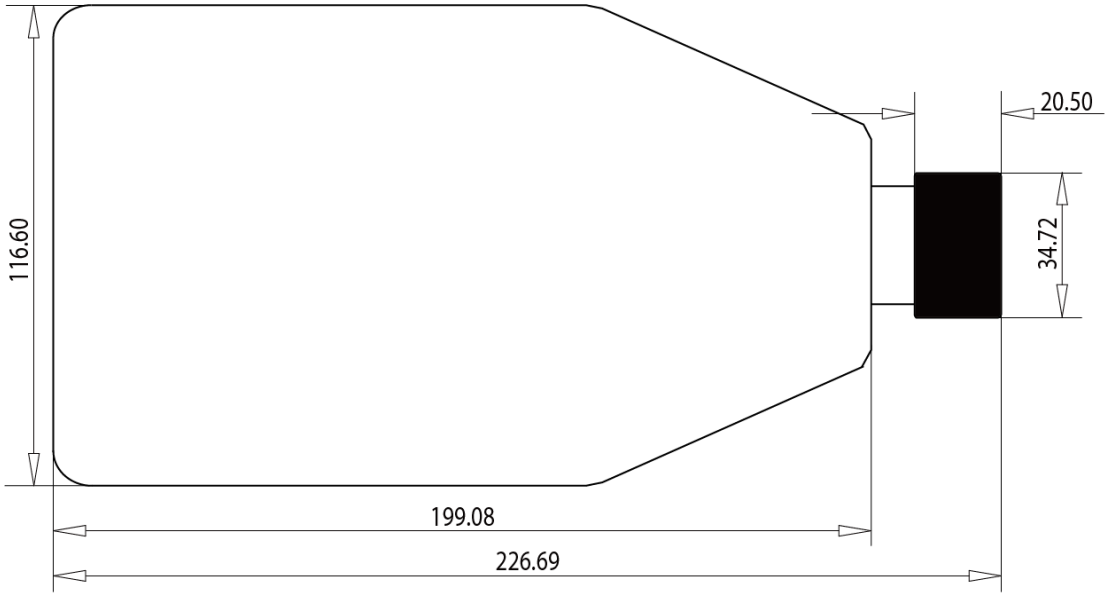
(4) T175 Cell Culture Flask (#71175/72175/74175/73175)

- Specifications

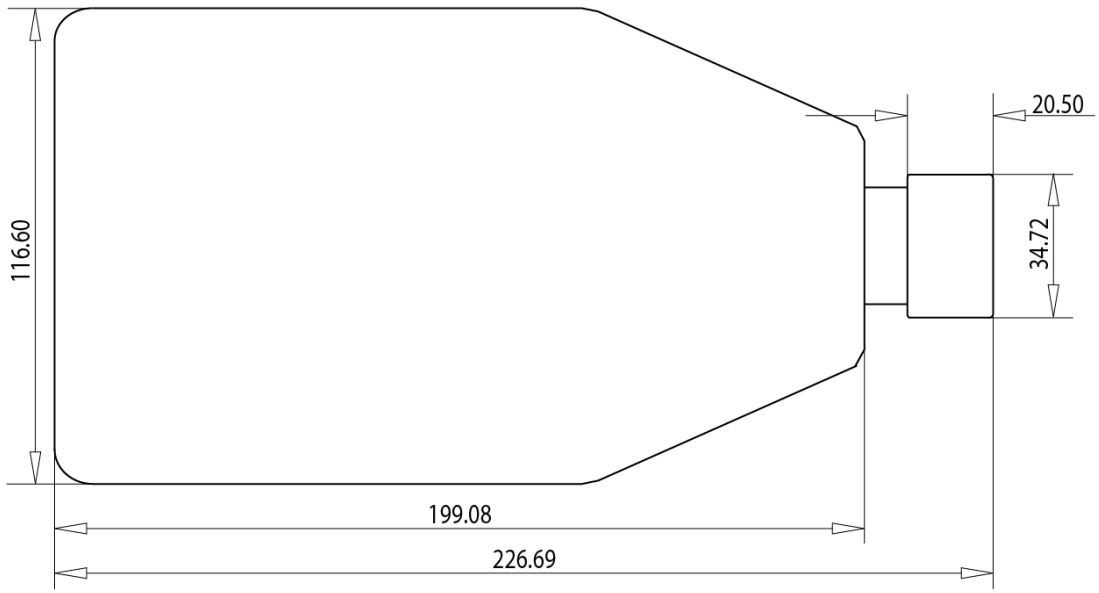
Dimensions				Material (Resin)	Packaging
Cap		Body			
Width:	34.72 mm	Length:	199.08 mm	Crystal–grade polystyrene (PS)	▪ Pieces/Sleeve: 5 ▪ Pieces/Case: 40
Height:	20.50 mm	Width:	116.60 mm		
		Height:	40.00 mm		
Total Volume:		450.00 ml			
Growth Area:		175.00 cm^2			

- Technical Drawing

Cell Culture-Treated (#71175/72175) – Green Caps
Working Volume: 50.00 ml



Non-Treated (#74175/73175) – White Caps
Working Volume: 450.00 ml



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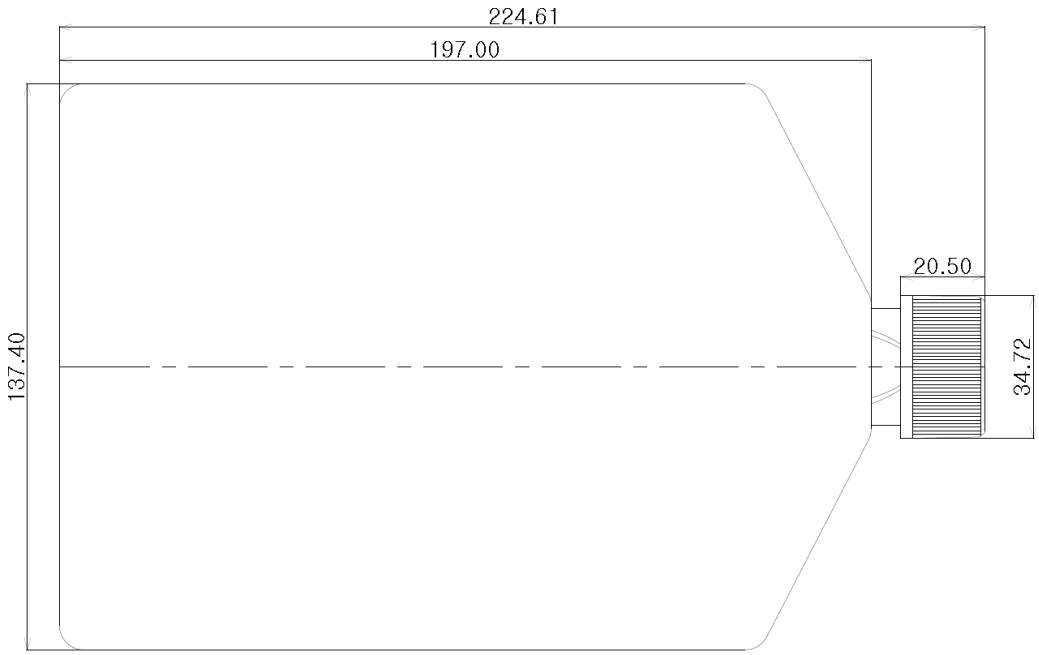
(5) T225 Cell Culture Flask (#700225/701225)

- Specifications

Dimensions				Material (Resin)	Packaging
Cap		Body			
Width:	34.72 mm	Length:	197.00 mm	Crystal–grade polystyrene (PS)	▪ Pieces/Sleeve: 5 ▪ Pieces/Case: 25
Height:	20.50 mm	Width:	137.40 mm		
		Height:	50.00 mm		
Total Volume:		850.00 ml			
Growth Area:		225.00 cm^2			

- Technical Drawing

Cell Culture-Treated (#700225/701225) – Green Caps
Working Volume: 60.00 ml



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For technical assistance, contact SPL R&D Center at:
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