

Protein Safe

(#65015/65016/65020/65021/55205/55305/55405/55505/55015/55115/55050/55150)

1. Description

The surface of standard plastic tubes often leads to protein adsorption, resulting in significant losses that can affect experimental results. Protein Safe, made from a special polymer, prevents protein loss in solution by minimizing adsorption on the inner surface of the tubes. As a result, it ensures excellent recovery, even with protein samples at extremely low concentrations.

2. Features

- ❖ Smooth opening and tight sealing
- ❖ Imprinted external graduations with marking area
- ❖ Central part in cap enough to be penetrated by syringe needle (#65015, 65016, 65020, 65021)

3. Functional Test

Non-pyrogenic	:	Passed
Non-cytotoxic	:	Passed
DNase/RNase - free	:	Passed
Human DNA - free	:	Passed

4. Product Range

Cat. No.	Material	Cap Type	Total Volume (ml)	RCF Rating	Sterile	Packaging
65015	PP	Snap	1.50	30,000 x g	-	50 / 100
65016	PP	Snap	1.50	30,000 x g	+	50 / 100
65020	PP	Snap	2.00	20,000 x g	-	50 / 100
65021	PP	Snap	2.00	20,000 x g	+	50 / 100
55205	PP	Screw	5.00	25,000 x g	-	50 / 100
55305	PP	Screw	5.00	25,000 x g	+	50 / 100
55405	PP	Snap	5.00	25,000 x g	-	50 / 100
55505	PP	Snap	5.00	25,000 x g	+	50 / 100
55015	PP	Screw	15.00	13,000 x g	-	50 / 200
55115	PP	Screw	15.00	13,000 x g	+	50 / 200
55050	PP	Screw	50.00	14,000 x g	-	25 / 200
55150	PP	Screw	50.00	14,000 x g	+	25 / 200

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.

6. Product Photographs



SPL-TDS-MICTU

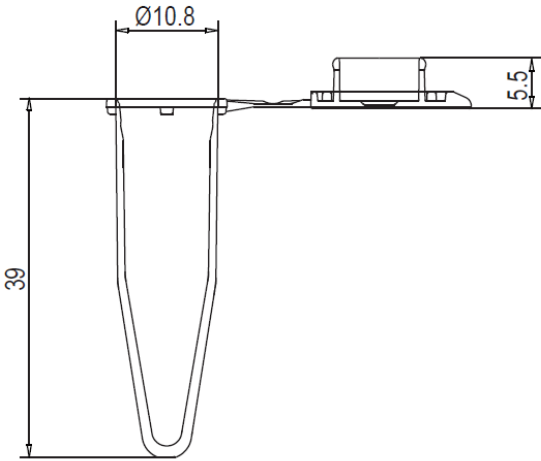
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7. Specifications & Technical Drawing

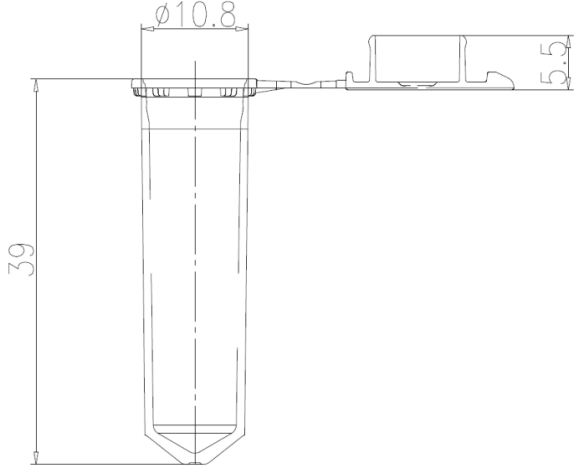
(1) 1.5 ml / 2 ml Tube
- Specifications

Dimensions		Material (Resin)	Packaging
Diameter:	10.80 mm	Polypropylene (PP)	- Pieces/Sleeve: 50 - Pieces/case: 100
Height:	39.00 mm		

- Technical Drawing
1) #65015, 65016



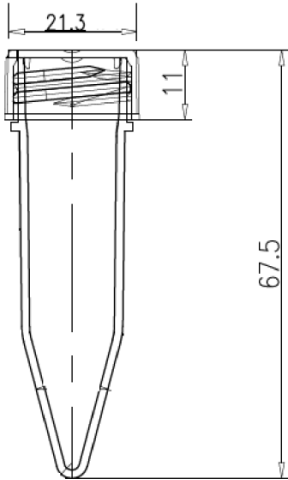
2) #65020, 65021



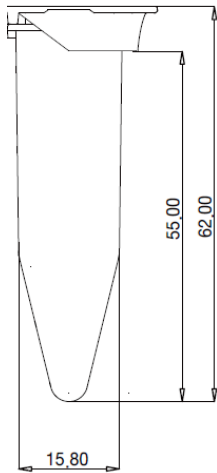
(2) 5 ml Tube
- Specifications

Dimensions				Material (Resin)	Packaging
Cap	Screw	Diameter: Height:	21.35 mm 11.00 mm	High-density polyethylene (HDPE)	▪ Pieces/sleeve:50 ▪ Pieces/case: 100
Body	Snap	Diameter: Height:	15.80 mm 62.00 mm	Polypropylene(PP)	
	Screw	Diameter: Height:	15.20 mm 66.30 mm		

- Technical Drawing
1) #55205, 55305



2) #55405, 55505

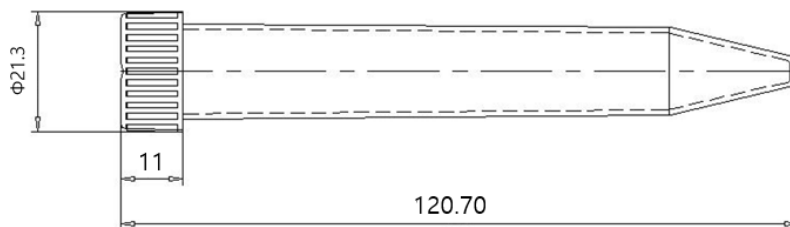


(3) 15 ml Tube (#55015/55115)

- Specifications

	Dimensions	Material (Resin)	Packaging
Cap	Diameter: 21.30 mm Height: 11.00 mm	High-density polyethylene (HDPE)	▪ Pieces/sleeve: 50 ▪ Pieces/case: 200
Body	Diameter: 16.90 mm Height: 119.35 mm	Polypropylene(PP)	

- Technical Drawing

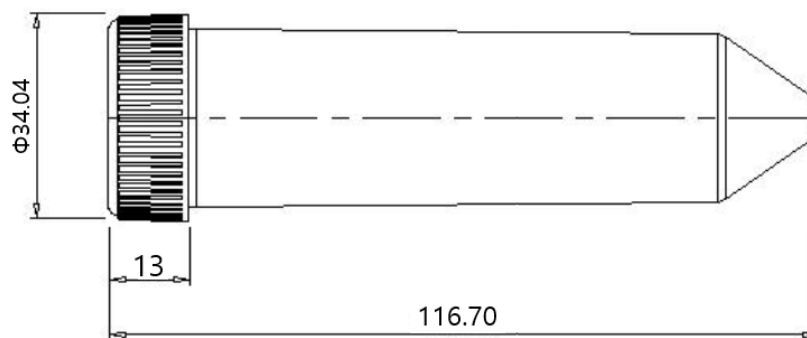


(4) 50 ml Tube (#55050/55150)

- Specifications

	Dimensions	Material (Resin)	Packaging
Cap	Diameter: 34.00 mm Height: 13.00 mm	High-density polyethylene (HDPE)	▪ Pieces/sleeve: 25 ▪ Pieces/case: 200
Body	Diameter: 29.30 mm Height: 114.10 mm	Polypropylene(PP)	

- Technical Drawing



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

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