

Multi Insert Dish

(#911605/911606/911607/911615/911617/911625/911627)

1. Description

SPL Life Sciences has released the new Multi Insert Dish with five small culture inserts assembled in one single dish. Multi Insert Dish is designed to study intercellular or inter-tissue interactions of more than two different cell or tissue species, successfully applicable to researches in biosystem mimicking *in vivo* condition.

There are three types of dish available to choose depending on the intended use of the researchers.

2. Features

- ❖ Mesh material: Nylon
- ❖ Mesh thickness: 10 ~ 23 μm
- ❖ Mesh pore size: 23 μm
- ❖ Membrane material: Polycarbonate (PC)
- ❖ Membrane thickness: 10 ~ 23 μm
- ❖ Membrane pore size: 0.40 μm
- ❖ Side mesh insert (Cat. No. 911605, 911607, 911615, 911617, 911625, 911627)
- ❖ Bottomed-membrane insert (Cat. No. 911606)
- ❖ Groove bottom for magnetic stirring bar (Cat. No. 911607, 911617, 911627)
- ❖ Non-treated (Cat. No. 911605, 911607)
- ❖ Surface treated for adherent cell (Cat. No. 911615, 911617)
- ❖ Low binding treated for spheroid (Cat. No. 911625, 911627)

3. Functional Test

Sterility	:	Passed
Cytotoxicity	:	Passed
Non-Pyrogenic	:	Passed
RNase/DNase Free	:	Passed

4. Product Specification

Cat.No.	Insert Material	Dish Style d x h (mm)	Internal Dimension d x h (mm)	Growth Area per insert (cm ²)	Working Volume (ml)	Groove bottom	External Grip	Surface Treatment	Low binding Treatment	Sterile	Packaging
911605	Nylon	60.00 x 20.00	53.00 x 18.00	1.77	15.00	-	+	-	-	+	9/18
911606	PC	60.00 x 20.00	53.00 x 18.00	1.77	15.00	-	+	-	-	+	9/18
911607	Nylon	60.00 x 20.00	49.53 x 18.00	1.77	15.00	+	+	-	-	+	9/18
911615	Nylon	60.00 x 20.00	53.00 x 18.00	1.77	15.00	-	+	+	-	+	9/18
911617	Nylon	60.00 x 20.00	49.53 x 18.00	1.77	15.00	+	+	+	-	+	9/18
911625	Nylon	60.00 x 20.00	53.00 x 18.00	1.77	15.00	-	+	-	+	+	9/18
911627	Nylon	60.00 x 20.00	49.53 x 18.00	1.77	15.00	+	+	-	+	+	9/18

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 9001:2008 Quality Management System (K-QA-Q031478) in Korea.

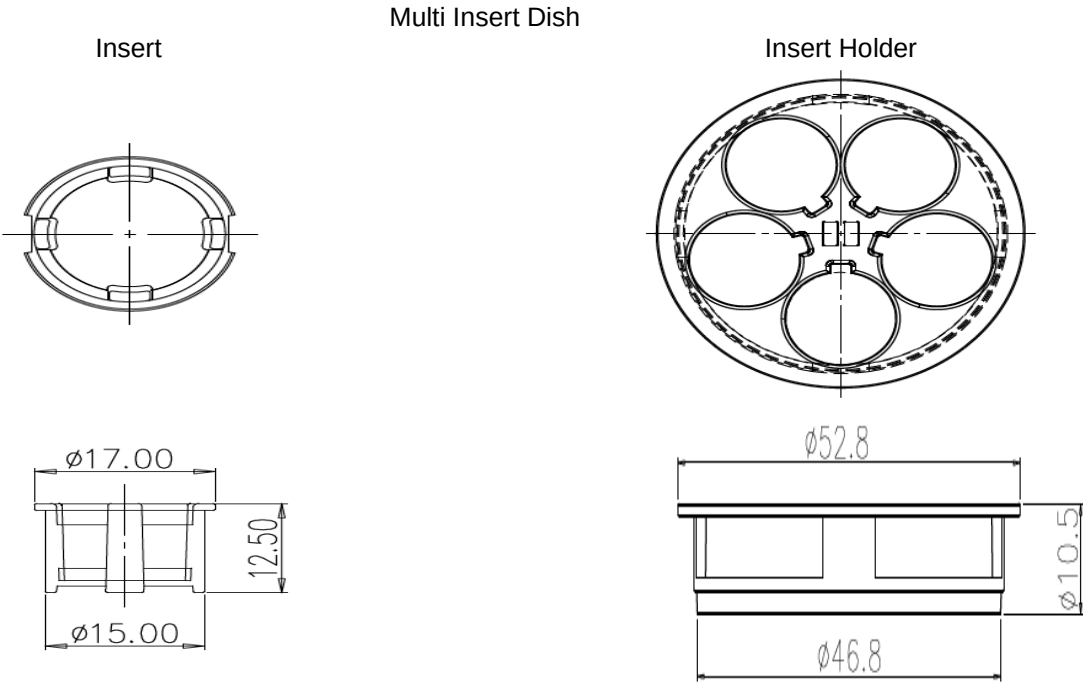
6. Specifications & Technical Drawing

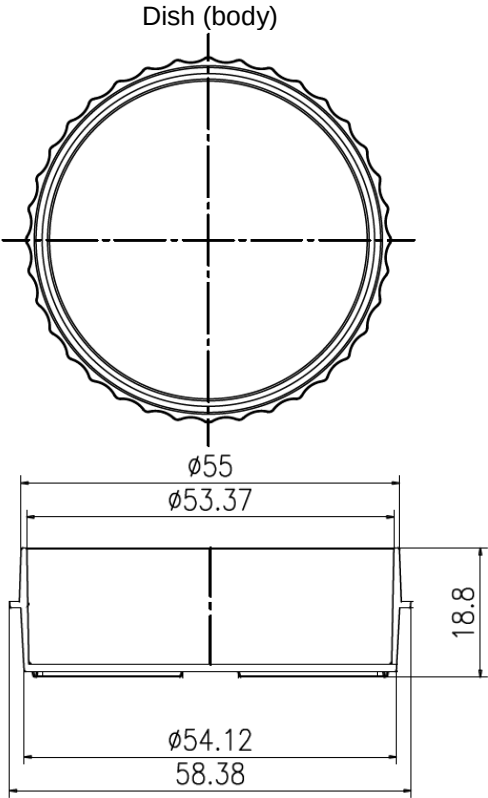
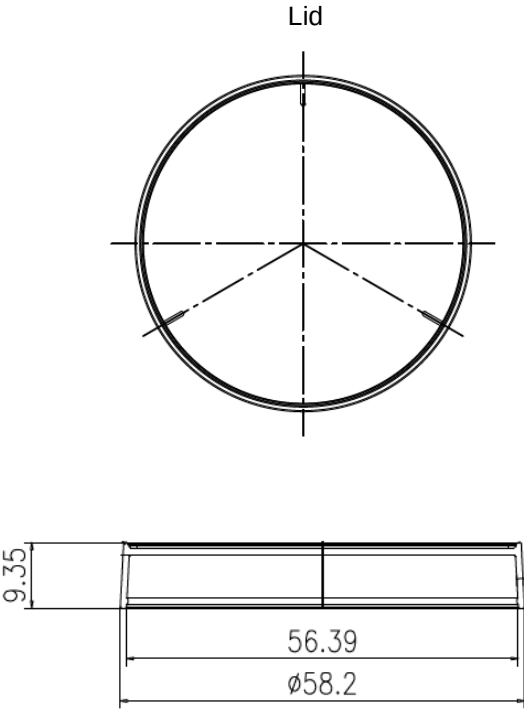
1. Multi Insert Dish (911605, 911615, 911625)

- Specifications

Dimensions		Material (Resin)	Packaging
Lid	Dish		
Diameter _{Outer} : 58.20 mm Diameter _{Inner} : 56.39 mm Height: 9.35 mm	Diameter _{Grip} : 58.38 mm Diameter _{Outer} : 55.00 mm Diameter _{Inner} : 53.37 mm Height: 18.80 mm Volume/Dish: 15.00 ml Growth Area: 21.50 cm ²	Crystal-grade polystyrene (PS), Nylon Mesh	▪ Pieces/Sleeve: 9 ▪ Pieces/Case: 18
Insert	Insert Holder		
Diameter _{Top} : 17.00 mm Diameter _{Bottom} : 15.00 mm Height: 12.50 mm	Diameter _{Top} : 52.80 mm Diameter _{Bottom} : 46.80 mm Height: 10.50 mm		

- Technical Drawing

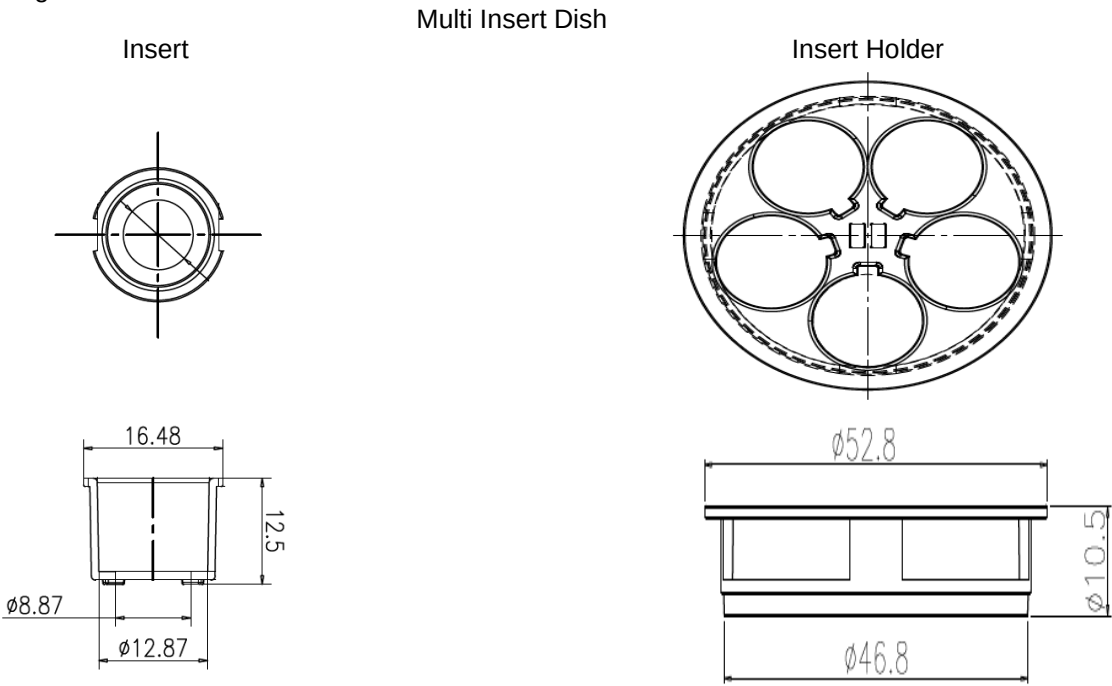


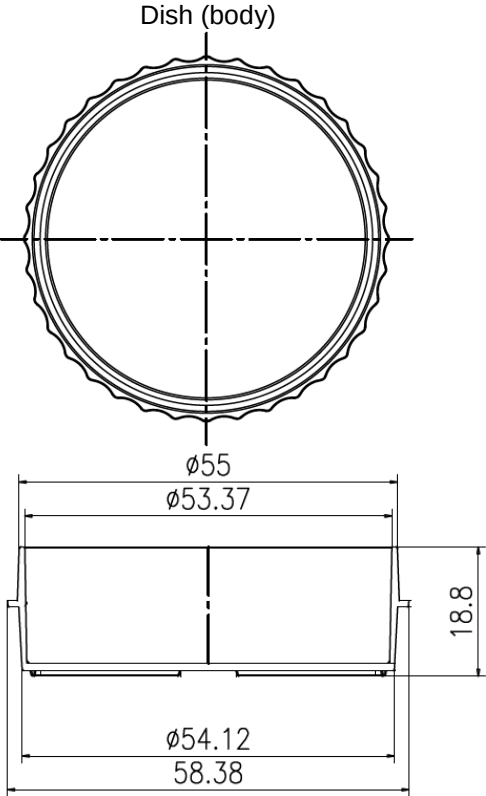
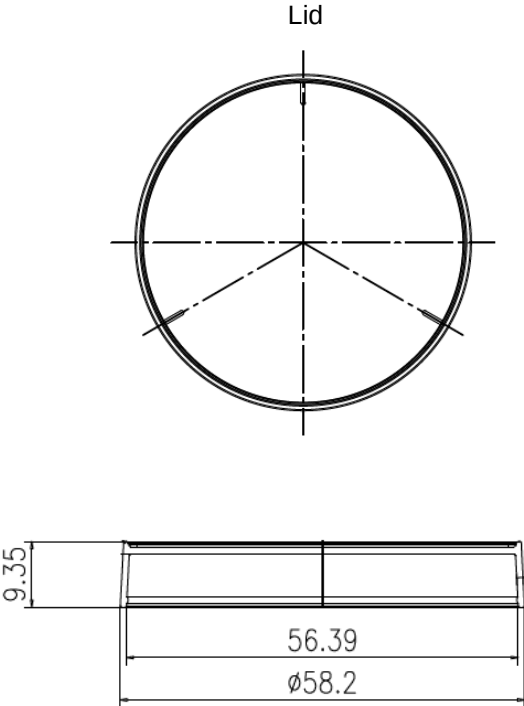


2. Multi Insert Dish bottomed-membrane (911606)
- Specifications

Dimensions		Material (Resin)	Packaging
Lid	Dish		
Diameter _{Outer} : 58.20 mm Diameter _{Inner} : 56.39 mm Height: 9.35 mm	Diameter _{Grip} : 58.38 mm Diameter _{Outer} : 55.00 mm Diameter _{Inner} : 53.37 mm Height: 18.80 mm Volume/Dish: 15.00 ml Growth Area: 21.50 cm ²	Crystal-grade polystyrene (PS), PC membrane	▪ Pieces/Sleeve: 9 ▪ Pieces/Case: 18
Insert	Insert Holder		
Diameter _{Top} : 16.84 mm Diameter _{Bottom} : 12.87 mm Height: 12.50 mm	Diameter _{Top} : 52.80 mm Diameter _{Bottom} : 46.80 mm Height: 10.50 mm		

- Technical Drawing





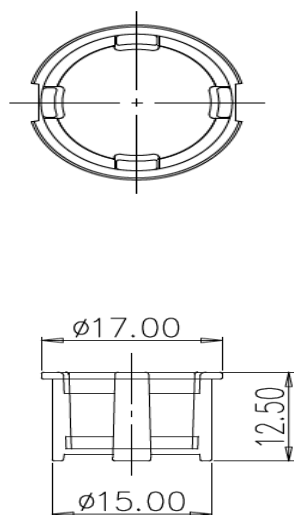
3. Multi Insert Dish Stirrer (911607, 911617, 911627)

- Specifications

Dimensions		Material (Resin)	Packaging
Lid	Dish		
Diameter _{Outer} : 58.00 mm Diameter _{Inner} : 56.71 mm Height: 8.50 mm	Diameter _{Grip} : 58.00 mm Diameter _{Outer} : 55.17 mm Diameter _{Inner} : 49.53 mm Height: 19.30 mm Volume/Dish: 15.00 ml Groove bottom: 20.87 mm	Crystal-grade polystyrene (PS), Nylon Mesh	▪ Pieces/Sleeve: 9 ▪ Pieces/Case: 18
Insert	Insert Holder		
Diameter _{Top} : 17.00 mm Diameter _{Bottom} : 15.00 mm Height: 12.50 mm	Diameter _{Top} : 52.80 mm Diameter _{Bottom} : 46.80 mm Height: 10.50 mm		

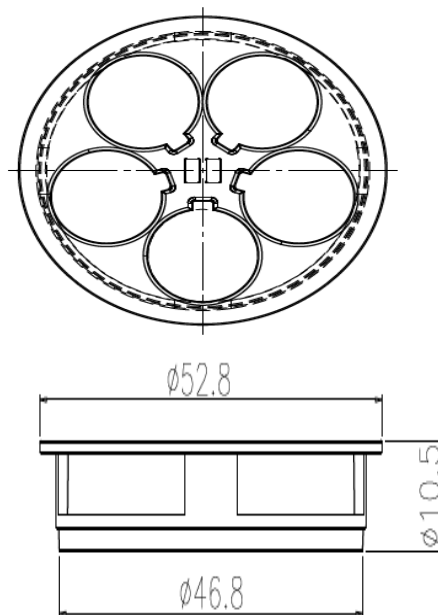
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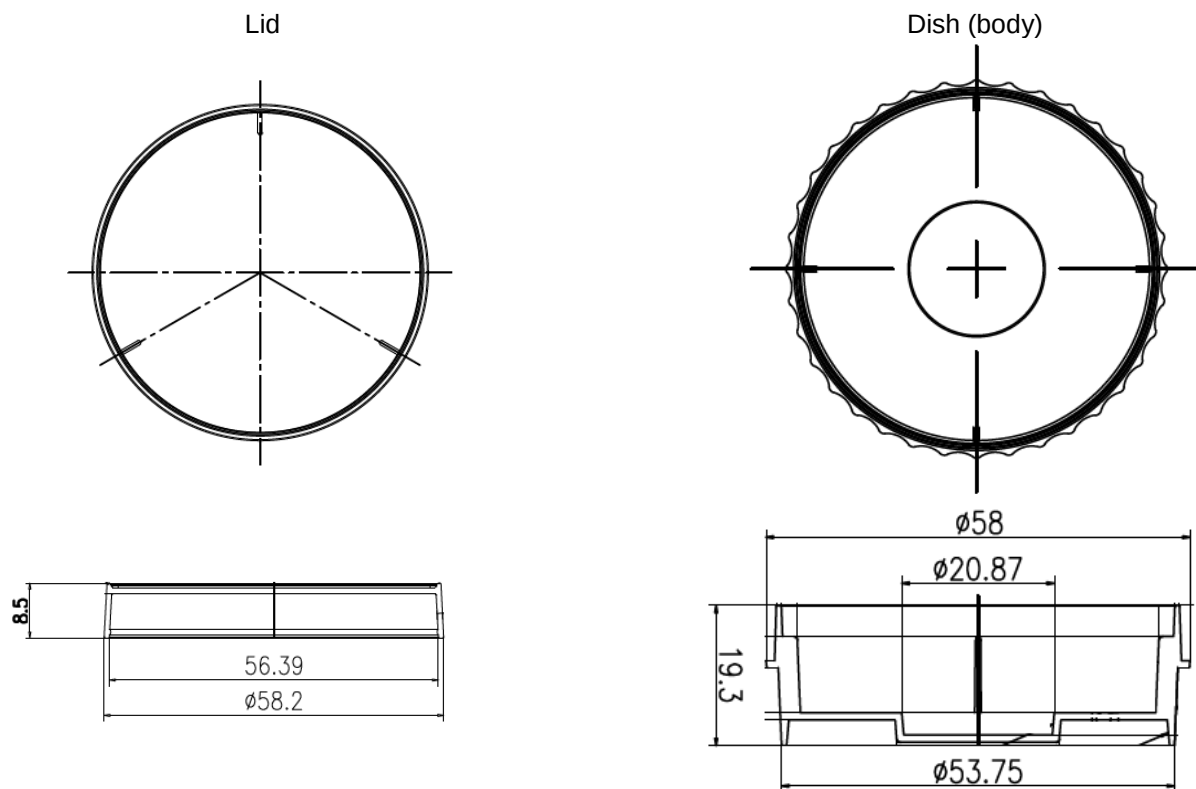
Insert



Multi Insert Dish

Insert Holder





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

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