

## CellSCAFLD® 3D Cell Culture Plate

### Description

6 well 3D Cell Culture Plate, 3 Scaffolds, Surface Treated, Sterile

### Purpose

A micro environment for cells that are similar to the in vivo conditions used in stem cells, tissue engineering, drug research and development, and cell biology

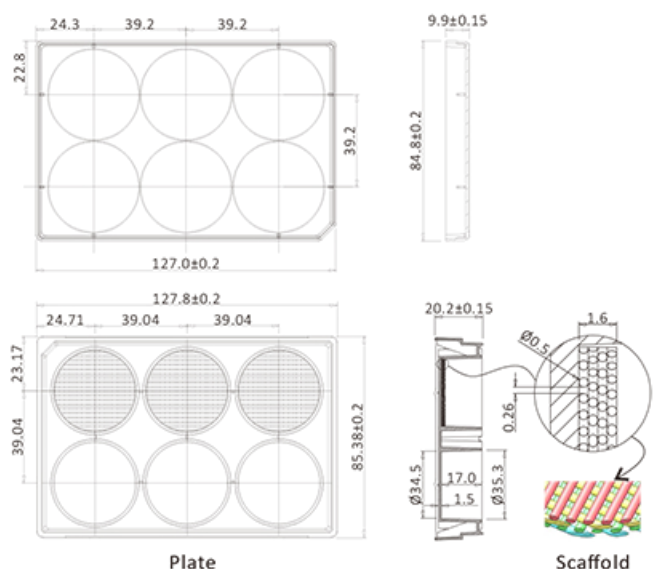
### Materials

Plate: GPPS (General Polystyrene)

3D scaffold: GPPS (General Polystyrene)



### Dimensions (Unit: mm)



### Features

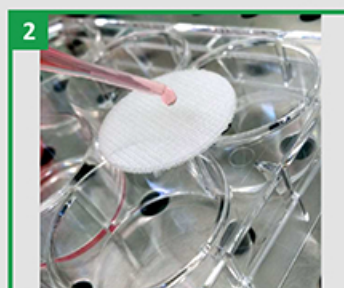
- The scaffold is made from virgin polystyrene with a wire diameter of 500µm and a wire spacing of 260µm. It produces a large surface area than regular cell culture products and is structured with 3-dimensional channel facilitating the transmission of nutrients, consistency of metabolic activity and the accuracy of results in 3D cell culture
- Easy cell secretion collection, saving time and eliminating extra steps
- Cytokine and growth factor resistant
- Non-autoclavable
- DNase/RNase free and Non-pyrogenic
- Sterilized by irradiation SAL10<sup>6</sup> (ISO11137)
- Shelf Life: 3 years after month of production
- Manufactured in a class 100,000 room environment
- Manufactured under ISO13485 and ISO9001 quality management system



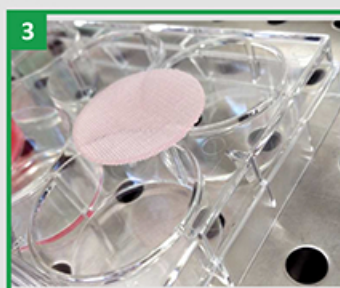
### Easy to Use



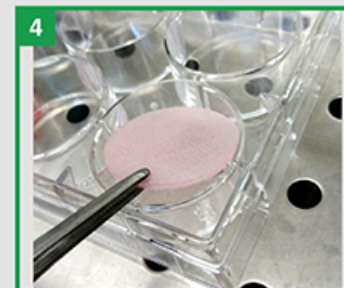
1 Prepare the required volume of cell suspension



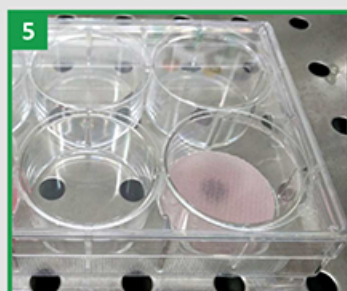
2 Add the cell suspension to the 3D scaffold slowly



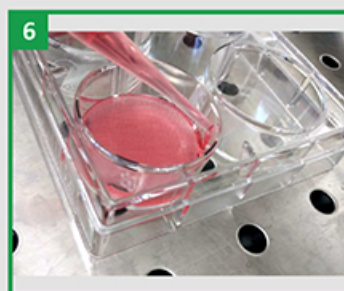
3 Ensure that the 3D scaffold is fully covered with cell suspension and avoid overflow



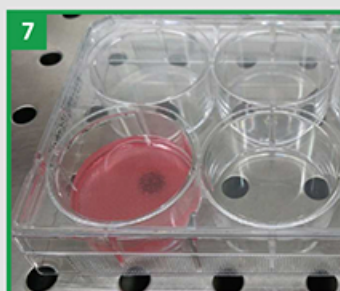
4 Use tweezers to pick up the 3D scaffold and place it into the tissue culture plate



5 Put the plate into a 37°C and 5% CO<sub>2</sub> incubator for culturing for three hours



6 After three hours, slowly add the cell culture medium through the plate internal wall



7 Place the 3D scaffold into the incubator once the cell culture medium covers the scaffold completely

## CellSCAFLD® 3D Cell Culture Plate

Cat. No.	Type	Fiber Diameter	Pore width	Scaffold Diameter	Scaffold Thickness	Growth Area per scaffold	Scaffold Surface Type	Sterilization	Packaging Configuration
TDP032006	3 scaffolds in 6 well plate	ø500 µm	260 µm	ø33.5 mm	1.6 mm	47.6 cm <sup>2</sup>	Treated	Yes	1/blister pack, 8/case

## CellSCAFLD® 3D Cell Culture Plate

### Description

12 well 3D Cell Culture Plate, 6 Scaffolds, Surface Treated, Sterile

### Purpose

A micro environment for cells that are similar to the in vivo conditions used in stem cells, tissue engineering, drug research and development, and cell biology

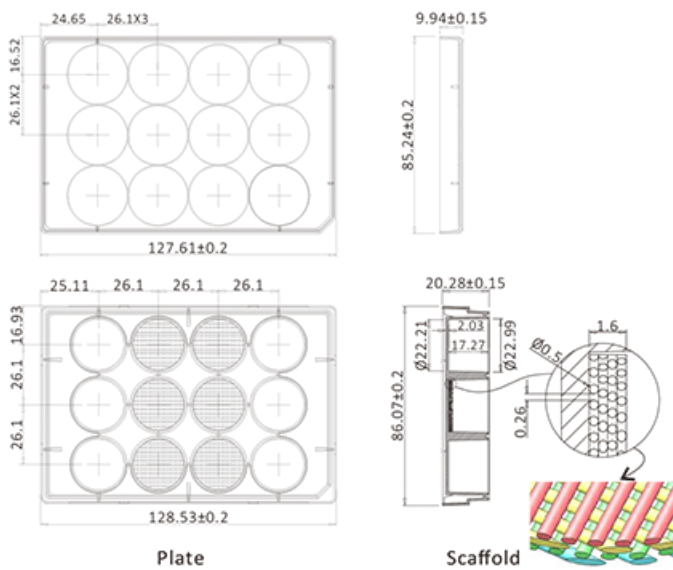
### Materials

Plate: GPPS (General Polystyrene)

3D scaffold: GPPS (General Polystyrene)



### Dimensions (Unit: mm)

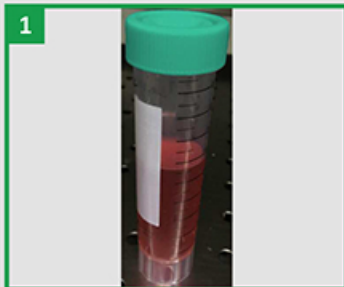


### Features

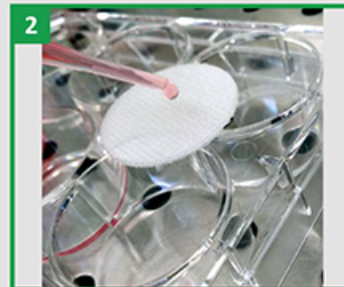
- The scaffold is made from virgin polystyrene with a wire diameter of 500µm and a wire spacing of 260µm. It produces a large surface area than regular cell culture products and is structured with 3-dimensional channel facilitating the transmission of nutrients, consistency of metabolic activity and the accuracy of results in 3D cell culture
- Easy cell secretion collection, saving time and eliminating extra steps
- Cytokine and growth factor resistant
- Non-autoclavable
- DNase/RNase free and Non-pyrogenic
- Sterilized by irradiation SAL10<sup>6</sup> (ISO11137)
- Shelf Life: 3 years after month of production
- Manufactured in a class 100,000 room environment
- Manufactured under ISO13485 and ISO9001 quality management system



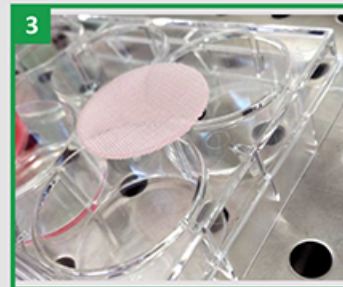
### Easy to Use



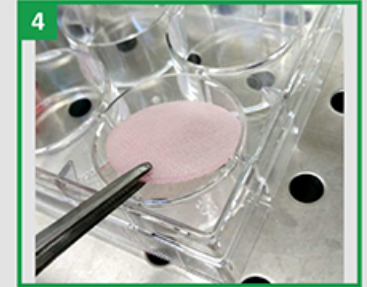
1 Prepare the required volume of cell suspension



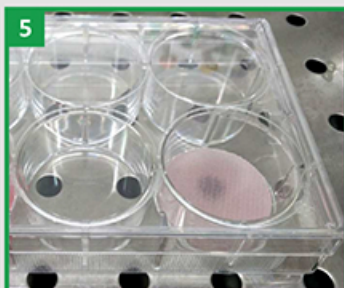
2 Add the cell suspension to the 3D scaffold slowly



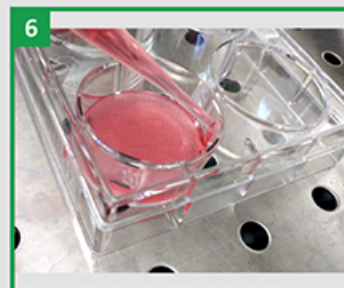
3 Ensure that the 3D scaffold is fully covered with cell suspension and avoid overflow



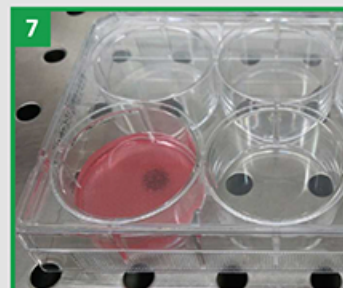
4 Use tweezers to pick up the 3D scaffold and place it into the tissue culture plate



5 Put the plate into a 37°C and 5% CO<sub>2</sub> incubator for culturing for three hours



6 After three hours, slowly add the cell culture medium through the plate internal wall



7 Place the 3D scaffold into the incubator once the cell culture medium covers the scaffold completely

## CellSCAFLD® 3D Cell Culture Plate

Cat. No.	Type	Fiber Diameter	Pore width	Scaffold Diameter	Scaffold Thickness	Growth Area per scaffold	Scaffold Surface Type	Sterilization	Packaging Configuration
TDP032012	6 scaffolds in 12 well plate	ø500 µm	260 µm	ø21.0 mm	1.6 mm	18.8 cm <sup>2</sup>	Treated	Yes	1/blister pack, 8/case

## CellSCAFLD® 3D Cell Culture Plate

### Description

24 well 3D Cell Culture Plate, 12 Scaffolds, Surface Treated, Sterile

### Purpose

A micro environment for cells that are similar to the in vivo conditions used in stem cells, tissue engineering, drug research and development, and cell biology

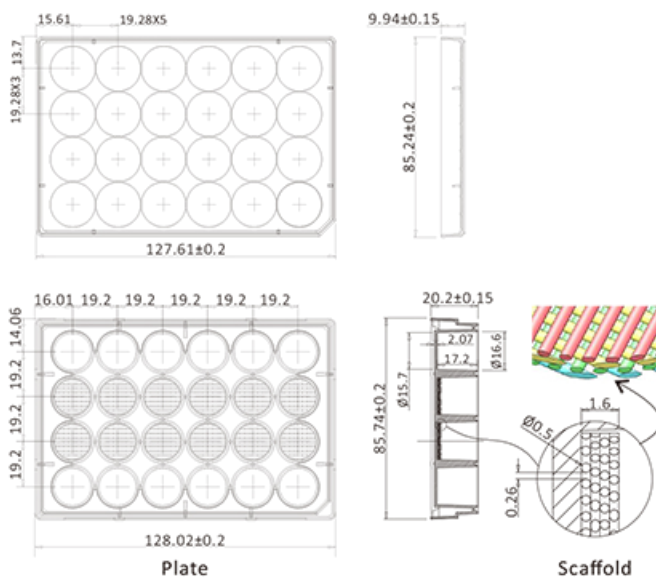
### Materials

Plate: GPPS (General Polystyrene)

3D scaffold: GPPS (General Polystyrene)



### Dimensions (Unit: mm)



### Features

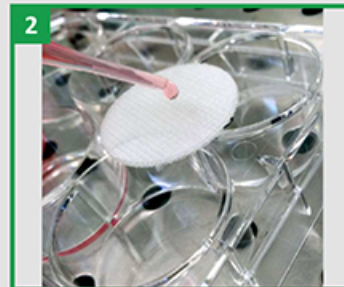
- The scaffold is made from virgin polystyrene with a wire diameter of 500µm and a wire spacing of 260µm. It produces a large surface area than regular cell culture products and is structured with 3-dimensional channel facilitating the transmission of nutrients, consistency of metabolic activity and the accuracy of results in 3D cell culture
- Easy cell secretion collection, saving time and eliminating extra steps
- Cytokine and growth factor resistant
- Non-autoclavable
- DNase/RNase free and Non-pyrogenic
- Sterilized by irradiation SAL10<sup>6</sup> (ISO11137)
- Shelf Life: 3 years after month of production
- Manufactured in a class 100,000 room environment
- Manufactured under ISO13485 and ISO9001 quality management system



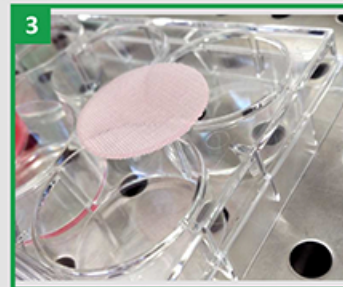
### Easy to Use



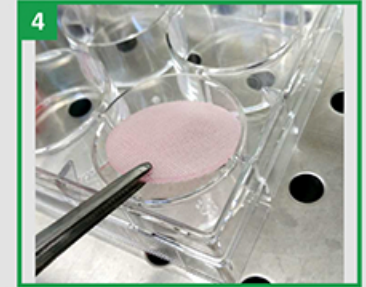
1 Prepare the required volume of cell suspension



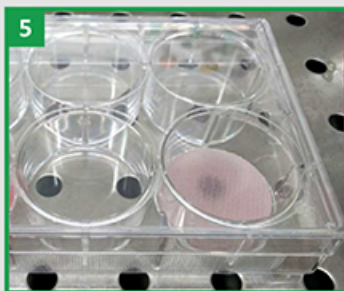
2 Add the cell suspension to the 3D scaffold slowly



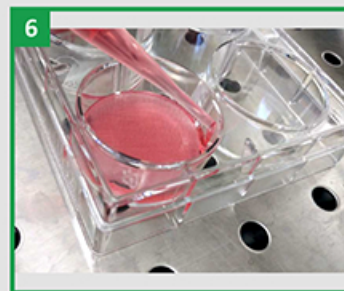
3 Ensure that the 3D scaffold is fully covered with cell suspension and avoid overflow



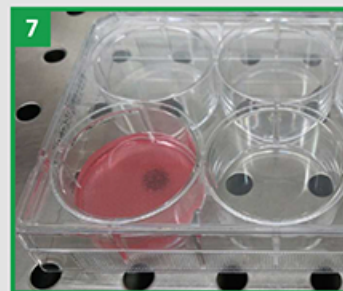
4 Use tweezers to pick up the 3D scaffold and place it into the tissue culture plate



5 Put the plate into a 37°C and 5% CO<sub>2</sub> incubator for culturing for three hours



6 After three hours, slowly add the cell culture medium through the plate internal wall



7 Place the 3D scaffold into the incubator once the cell culture medium covers the scaffold completely

## CellSCAFLD® 3D Cell Culture Plate

Cat. No.	Type	Fiber Diameter	Pore width	Scaffold Diameter	Scaffold Thickness	Growth Area per scaffold	Scaffold Surface Type	Sterilization	Packaging Configuration
TDP032024	12 scaffolds in 24 well plate	ø500 µm	260 µm	ø15.0 mm	1.6 mm	9.5 cm <sup>2</sup>	Treated	Yes	1/blister pack, 8/case