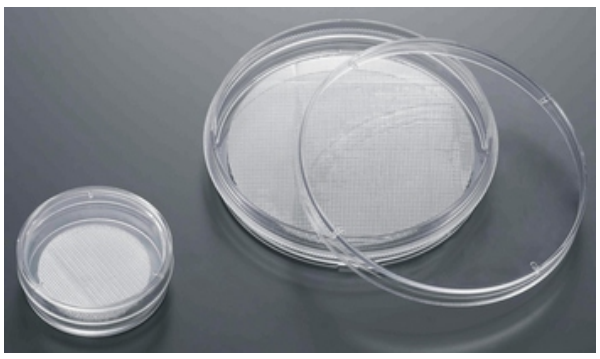
Technical Data Sheet



VWR® 3.5cm 3D Cell Culture Dish

Description: 3.5cm 3D Cell Culture Dish, 1 Scaffold, Treated, Sterilized

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

Materials

Dish: GPPS (General polystyrene) Color: Clear

Lid: GPPS (General polystyrene) Color: Clear

3D scaffold: GPPS (General polystyrene) Color: Clear

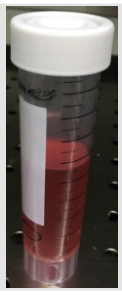
② STERILE | R

Features

- The Scaffold is made from virgin polystyrene with a wire diameter of 500μm and a wire spacing of 260μm. It produces a larger 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
- Cytokine and growth factor resistant
- Easy cell secretion collection, saving time and eliminating extra steps
- Non-pyrogenic and DNase/RNase-free
- Non-autoclavable
- Sterilized by gamma irradiation
- Strict integrity tested
- Temperature range: -20°C to +50°C
- Shelf life: 3 years after month of production

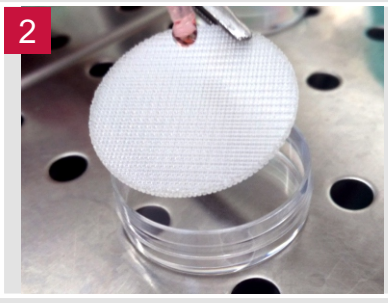
Easy to Use

1



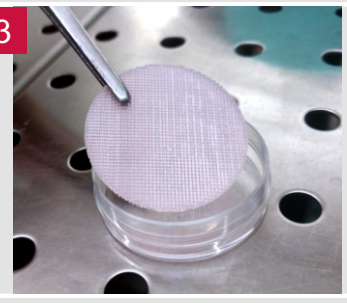
Prepare the required volume of cell suspension.

2



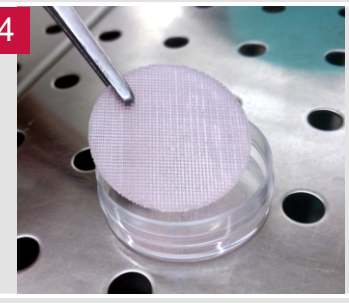
Add the cell suspension to the 3D Scaffold slowly.

3



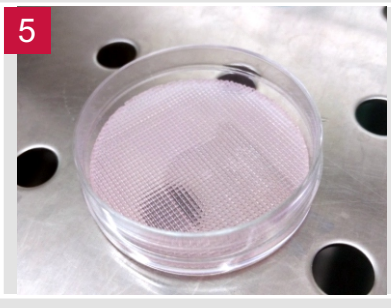
Ensure that the 3D Scaffold is fully covered with cell suspension and avoid overflow.

4



Use tweezers to pick up the 3D scaffold and place it into the tissue culture dish.

5

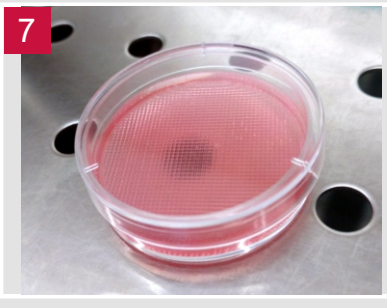


Put the dish into a 37˚C and 5% CO2 incubator for culturing for three hours.

6

After three hours, slowly add the cell culture medium through the dish's internal wall.

7



Place the 3D Scaffold into the incubator once the cell culture medium covers the Scaffold completely.

VWR® 3.5cm 3D Cell Culture Dish

VWR NA Cat. No.	VWR EU Cat. No.	Type	Fiber Diameter(μm)	Pore Width((μm)	Scaffold Diameter (mm)	Scaffold Thickness (mm)	Scaffold Growth Area (cm^2)	Dish Surface Type	Scaffold Surface Type	Sterile	Qty. per pack/case
76012-952	734-2967	1 scaffold in 3.5cm dish	∅500	260	∅32.0	1.6	43	Non-treated	Treated	SAL 10^{-6}	1/40

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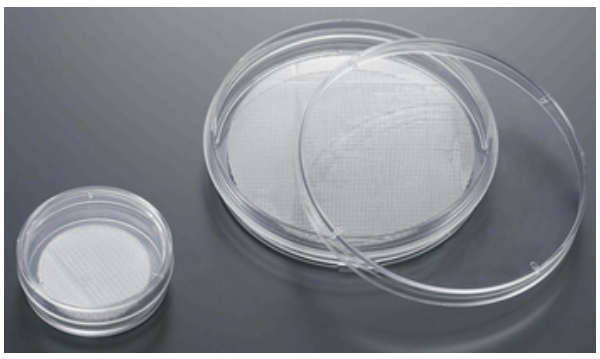


VWR® 6.0cm 3D Cell Culture Dish

Description: 6.0cm 3D Cell Culture Dish, 1 Scaffold, Treated, Sterilized

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

Materials

Dish: GPPS (General polystyrene) Color: Clear

Lid: GPPS (General polystyrene) Color: Clear

3D scaffold: GPPS (General polystyrene) Color: Clear

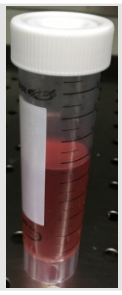
② STERILE | R

Features

- The Scaffold is made from virgin polystyrene with a wire diameter of 500μm and a wire spacing of 260μm. It produces a larger 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
- Cytokine and growth factor resistant
- Easy cell secretion collection, saving time and eliminating extra steps
- Non-pyrogenic and DNase/RNase-free
- Non-autoclavable
- Sterilized by gamma irradiation
- Strict integrity tested
- Temperature range: -20°C to +50°C
- Shelf life: 3 years after month of production

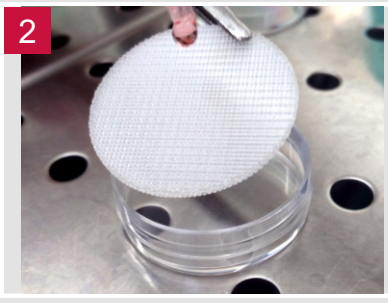
Easy to Use

1



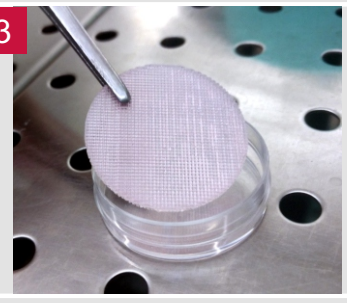
Prepare the required volume of cell suspension.

2



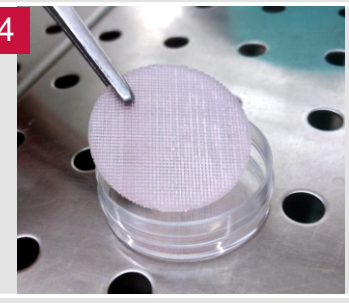
Add the cell suspension to the 3D Scaffold slowly.

3



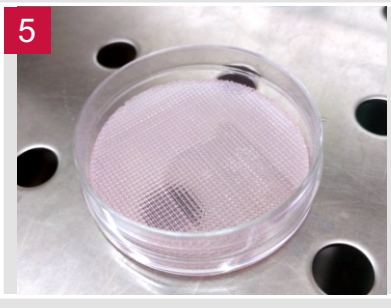
Ensure that the 3D Scaffold is fully covered with cell suspension and avoid overflow.

4



Use tweezers to pick up the 3D scaffold and place it into the tissue culture dish.

5

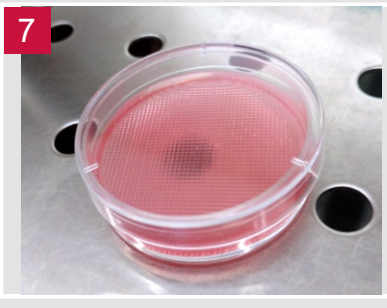


Put the dish into a 37˚C and 5% CO2 incubator for culturing for three hours.

6

After three hours, slowly add the cell culture medium through the dish's internal wall.

7



Place the 3D Scaffold into the incubator once the cell culture medium covers the Scaffold completely.

VWR® 6.0cm 3D Cell Culture Dish

VWR NA Cat. No.	VWR EU Cat. No.	Type	Fiber Diameter(μm)	Pore Width((μm)	Scaffold Diameter (mm)	Scaffold Thickness (mm)	Scaffold Growth Area (cm^2)	Dish Surface Type	Scaffold Surface Type	Sterile	Qty. per pack/case
76012-954	734-2968	1 scaffold in 6.0cm dish	∅500	260	∅51.0	1.6	109	Non-treated	Treated	SAL 10^{-6}	1/30

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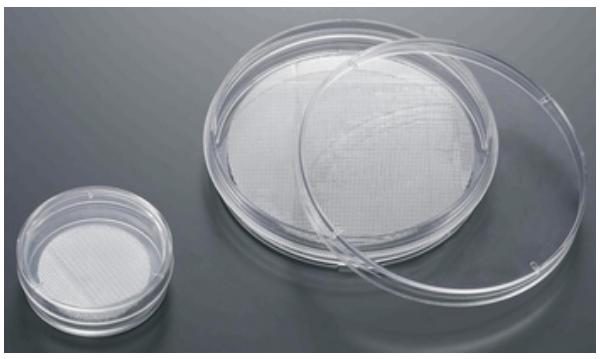
Technical Data Sheet



VWR® 7.0cm 3D Cell Culture Dish

Description: 7.0cm 3D Cell Culture Dish, 1 Scaffold, Treated, Sterilized

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

Materials

Dish: GPPS (General polystyrene) Color: Clear

Lid: GPPS (General polystyrene) Color: Clear

3D scaffold: GPPS (General polystyrene) Color: Clear

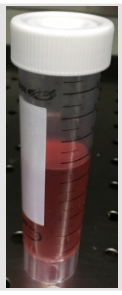
② STERILE | R

Features

- The Scaffold is made from virgin polystyrene with a wire diameter of 500μm and a wire spacing of 260μm. It produces a larger 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
- Cytokine and growth factor resistant
- Easy cell secretion collection, saving time and eliminating extra steps
- Non-pyrogenic and DNase/RNase-free
- Non-autoclavable
- Sterilized by gamma irradiation
- Strict integrity tested
- Temperature range: -20°C to +50°C
- Shelf life: 3 years after month of production

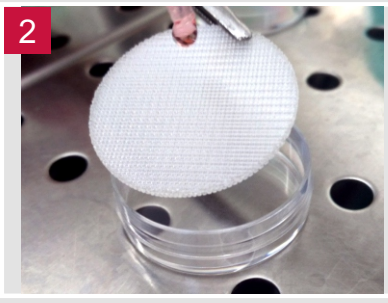
Easy to Use

1



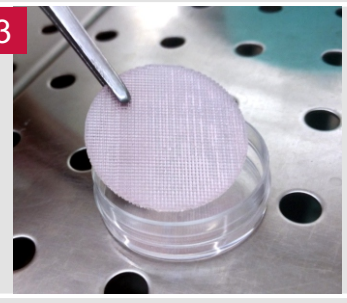
Prepare the required volume of cell suspension.

2



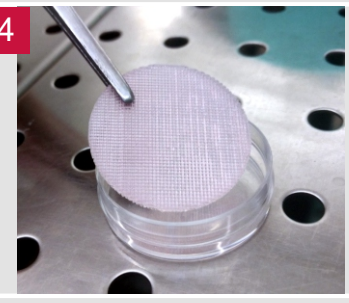
Add the cell suspension to the 3D Scaffold slowly.

3



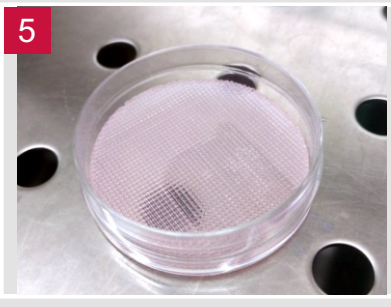
Ensure that the 3D Scaffold is fully covered with cell suspension and avoid overflow.

4



Use tweezers to pick up the 3D scaffold and place it into the tissue culture dish.

5

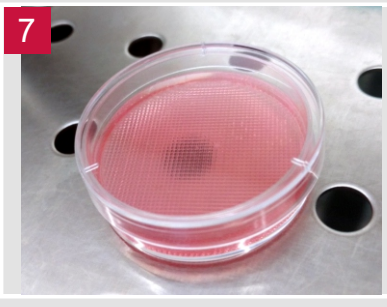


Put the dish into a 37˚C and 5% CO2 incubator for culturing for three hours.

6

After three hours, slowly add the cell culture medium through the dish's internal wall.

7



Place the 3D Scaffold into the incubator once the cell culture medium covers the Scaffold completely.

VWR® 7.0cm 3D Cell Culture Dish

VWR NA Cat. No.	VWR EU Cat. No.	Type	Fiber Diameter(μm)	Pore Width((μm)	Scaffold Diameter (mm)	Scaffold Thickness (mm)	Scaffold Growth Area (cm^2)	Dish Surface Type	Scaffold Surface Type	Sterile	Qty. per pack/case
76012-956	734-2969	1 scaffold in 7.0cm dish	∅500	260	∅67.5	1.6	191	Non-treated	Treated	SAL 10^{-6}	1/30

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