

# Cell Culture Products

Cell Culture Plates

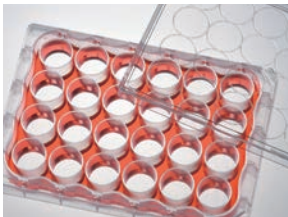
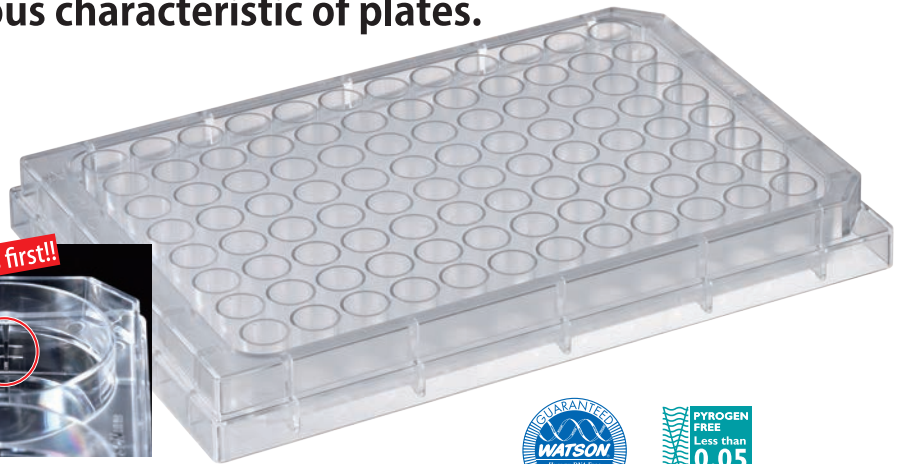
Spheroid Catch

Slide & Chamber



### Cell Culture Plates

## Easy to fill liquid into the plate, and make experiment of cell culture with our various characteristic of plates.



Even if you spilled the culture medium, you can aspirate and remove it easily. By filling the liquid into the outer wells, it can reduce evaporation of culture medium.



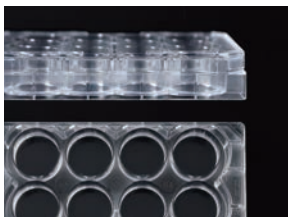
The outer scale on the wells allows for rough volume adjustments, reducing stress during works. \*No scale on 96 well.



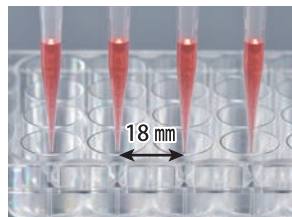
RNase/DNase HumanDNA Free



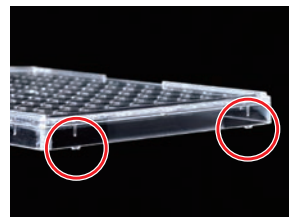
Pyrogen Free



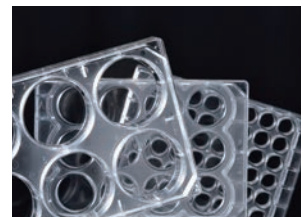
High visibility by adjusting contrast!!



24 well plate enables dispensing at an 18mm pitch.

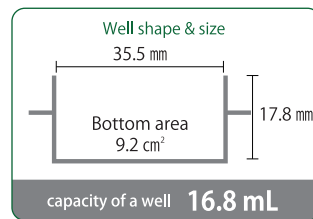
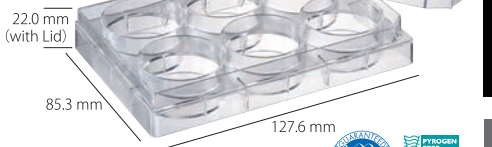


The lid design of the cover minimizes the contact with the surface of work space.



Polystyrene enables high-quality transparency.

Cell Culture Plates

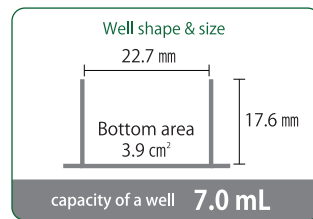
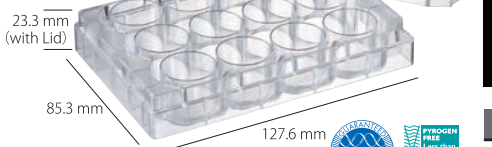


[Guide scale] 3 mL · 5 mL

Material: Polystyrene



Cat. No.	Item	Packaging
197-06CPS	Cell Culture Plate 6-Well	50 pieces (individual packaging)



[Guide scale] 2 mL


Material: Polystyrene





Cat. No.	Item	Packaging
197-12CPS	Cell Culture Plate 12-Well	50 pieces (individual packaging)

The interval between well and well is 18 millimeters because it is easy to use by 8 Multi Channel pipette or Automatic dispenser.

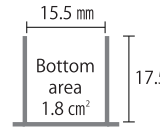
**Chimney-well**  
**24well**  
Flat Bottom



23.1 mm (with Lid)  
85.3 mm  
127.6 mm









Well shape & size




15.5 mm  
17.5 mm  
Bottom area 1.8 cm<sup>2</sup>

capacity of a well **3.2 mL**

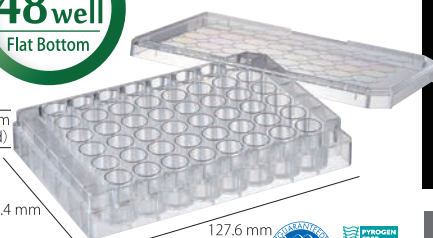
18mm pitch  Scale of Well  Chimney-well  Emboss processing 

[Guide scale] 1 mL



Material: Polystyrene 

Cat. No.	Item	Packaging
197-24CPS	Cell Culture Plate 24-Well	<b>Sterilized</b> 50 pieces (individual packaging)

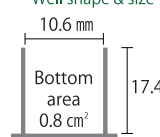
**Chimney-well**  
**48well**  
Flat Bottom



22.9 mm (with Lid)  
85.4 mm  
127.6 mm








Well shape & size




10.6 mm  
17.4 mm  
Bottom area 0.8 cm<sup>2</sup>

capacity of a well **1.5 mL**


Scale of Well  Chimney-well  Emboss processing 

[Guide scale] 500 µL



Material: Polystyrene 

Cat. No.	Item	Packaging
197-48CPS	Cell Culture Plate 48-Well	<b>Sterilized</b> 50 pieces (individual packaging)

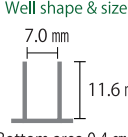
**Chimney-well**  
**96well**  
Flat Bottom



17.5 mm (with Lid)  
85.4 mm  
127.7 mm


Well shape & size



7.0 mm  
11.6 mm  
Bottom area 0.4 cm<sup>2</sup>


capacity of a well **450 µL**

Chimney-well  Emboss processing 



Material: Polystyrene 

Cat. No.	Item	Packaging
197-96CPS	Cell Culture Plate 96-Well Flat Bottom, Individual Well	<b>Sterilized</b> 50 pieces (individual packaging)

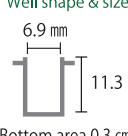
**96well**  
Flat Bottom



17.4 mm (with Lid)  
85.4 mm  
127.8 mm







Well shape & size



6.9 mm  
11.3 mm  
Bottom area 0.3 cm<sup>2</sup>


capacity of a well **380 µL**

Emboss processing 



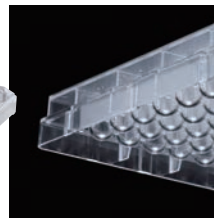
Material: Polystyrene 

Cat. No.	Item	Packaging
197-96CPS	Cell Culture Plate 96-Well Flat Bottom	<b>Sterilized</b> 50 pieces (individual packaging)

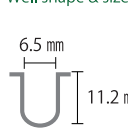
**96well**  
Round Bottom



17.5 mm (with Lid)  
85.3 mm  
127.7 mm







Well shape & size



6.5 mm  
11.2 mm

capacity of a well **330 µL**

Emboss processing 

Material: Polystyrene 

Cat. No.	Item	Packaging
197-96UCPS	Cell Culture Plate 96-Well Round Bottom	<b>Sterilized</b> 50 pieces (individual packaging)

Cell Culture Plates







### Cell Aggregate Recovery Device *Spheroid Catch*

## Catch large spheroids at once!



**Filtering with natural dropping force**

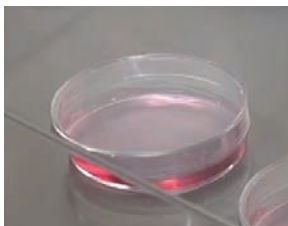
- Rapidly screen spheroids that have been cultured in dish.
- Catch only spheroids larger than 77 $\mu$ m hole.
- Only the mesh can be taken off, making it easy to breakup caught spheroids. Speeding up passage process.

Size: Max Diameter 30mm  $\times$  40mm H  
 Material: Polypropylene (body)  
 Nylon (mesh filter)



Cat. No.	Item	Unit
1884-110CS	Spheroid Catch <span style="color: red; font-weight: bold;">Sterilized</span>	20 pieces

### Protocol



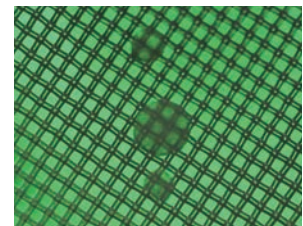
① Prepare a dish with cultured spheroids.



② Set Spheroid Catch into a 50mL centrifuge tube.



③ Apply the spheroid-cultured medium into Spheroid Catch.



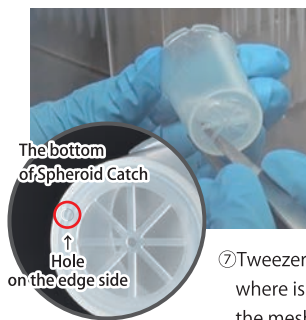
④ The mesh catches large spheroids.



⑤ Wash mesh filter with PBS (-).  
 \*If containing liquids on the mesh, apply light centrifuge before proceeding to the next step.



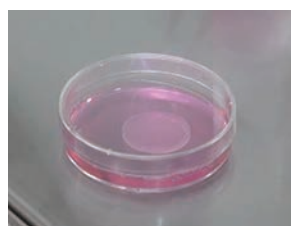
⑥ Take off Spheroid Catch from a 50mL centrifuge tube.



⑦ Tweezer the edge side of tiny hole (Not centered) where is on the side of the bottom, then take off the mesh.



⑧ Soaking the mesh into the new medium results in easy removal of spheroids.



⑨ Use recovered spheroids for test.



*Slide & Chamber*

**Clear image obtained by glass slide!**



**Low Cost**

Reasonable price is achieved through the best selection of materials.

**Individual Sterilization**

Packaged in easy-to-open blister pack and sterilized individually.

Cat.No.	Working Volume (Max. Volume)	Culture Area per well
192-008	0.35 mL–0.6 mL (1.0 mL)	70 mm <sup>2</sup>
192-004	0.7 mL–1.4 mL (2.0 mL)	170 mm <sup>2</sup>
192-002	1.4 mL–2.4 mL (4.0 mL)	400 mm <sup>2</sup>

**Robust Gasket**

Robust gasket is used to prevent leakage and contamination.

**No Adhesive Used**




Parts are assembled without use of adhesives, eliminating risk of eluent caused by the reaction between adhesives and the sample.

**PP-made Chamber**

Chemical resistant chamber made of polypropylene.

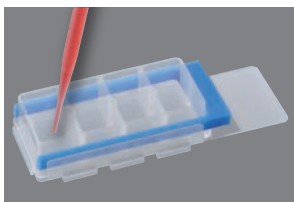
Material: Polypropylene (chamber)  
Glass (slide)



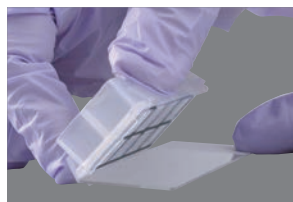
Cat. No.	Item	Unit	Case
192-008	Slide & Chamber, 8 well 	10 pieces	25 units
192-004	Slide & Chamber, 4 well 	10 pieces	25 units
192-002	Slide & Chamber, 2 well 	10 pieces	25 units

Slide & Chamber

**HOW TO USE**



1. Firstly, prepare for the sample and check it is stucked on the slide glass before use. Then, incubate the cells with the appropriate amount, and apply immunostaining.



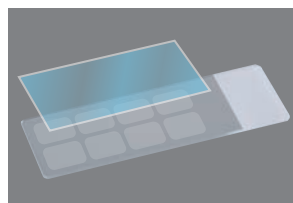
3. Remove the chamber from the slide glass.



Hold with fingers and tilt.



2. Remove the hook after immunostaining.



4. Prepare separately a cover glass (24 mm x 55 mm) and seal the sample.

