Millipore®

Preparation, Separation,
Filtration & Monitoring Products

MERCK

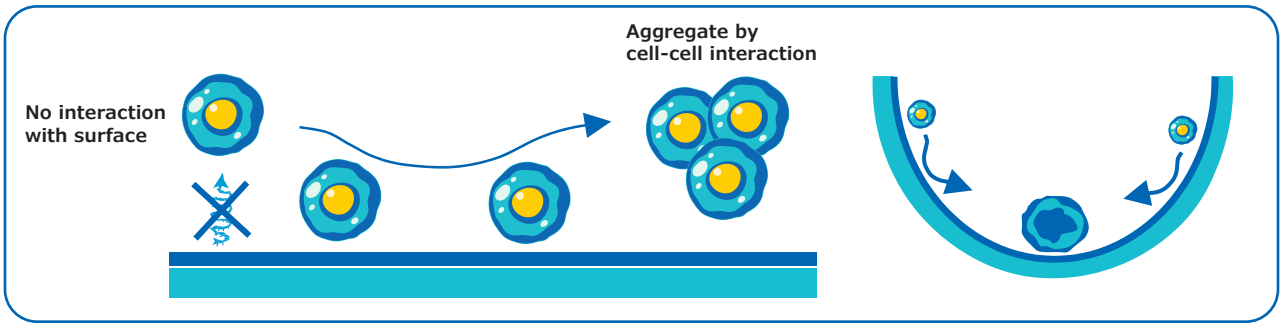
Millicell® Ultra-low Attachment Plates

Reliable 3D Cell Culture Tool for Drug Screening, Oncology, and Regenerative Medicine

Millicell® Ultra-low Attachment (ULA) Plates provide you with superior quality three-dimensional cell culture, to enable spheroid culturing of your specific cell type.

Millicell® ULA cell culture labware are ultra-low attachment plates that promote scaffold-free, self-assembly of spheroid formation. The plates are pre-coated with a unique, ultra-hydrophilic polymer which enables spontaneous spheroid formation of uniform size and shape. The 96-well U bottom ULA plates have high optical clarity, making them highly suitable for bright field imaging and confocal microscopy.

Features



Millicell® ULA 96-well U bottom plates are coated with a unique ultra-hydrophilic polymer that is covalently bound to the plastic surface and effectively inhibits cell attachment without ccytotoxic effects or material degradation. The superior coating technologies and manufacturing processes offer uniform spheroid/EB formation and smooth surface to obtain clear cell images.

Your benefit

- Non-binding surface for cells to facilitate natural spheroid formation
- Uniform single spheroid/EB formation in each well
- Spheroid assay formation and analysis in the same plate
- High optical clarity plates for imaging
- Stable, non-cytotoxic and cell non-adhesion surface
- Easy handling, compatible with liquid robotic system
- Suitable for brightfield imaging and fluorescence microscopy

Spheroid formation in Millicell® ULA 96-well U bottom plates

Seeding Density: 2x10^3 cells/well

Culture Medium: RPMI + 10% FBS

Incubation: 37°C, 5%CO_2

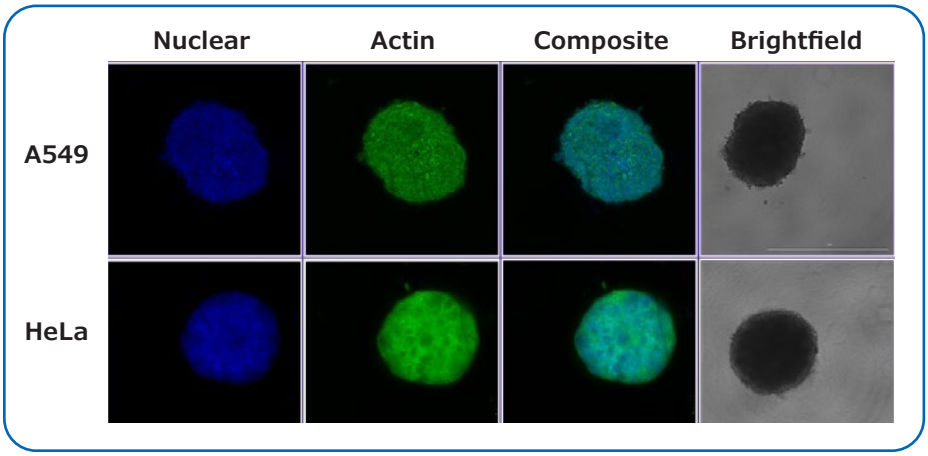
Culture Period: 7 Days

Cell Lines: MDA-MB-453, MDA-MB-468 (human breast cancer)

Data provided by Nishio Lab., Dept. of Genome Bio. Kinki Univ. Faculty of Medicine

Millicell® ULA 96-Well U Bottom Plate Imaging

Spheroids imaged using brightfield and fluorescent microscopy demonstrate the optical clarity of the Millicell® ULA plate. Millicell® ULA plates are recommended for confocal imaging at less than 20x objectives.



Product table

Cat. No	Product Name	Well Type	Color	Well Bottom Shape	Maximum Well Volume	Package
MC96ULA20	Millicell® ULA 96-well U bottom plate	96	Clear	Round	300µl	Individual package 20 plates/case

To place an order or receive technical assistance in Europe, please call Customer Service:
France: 0825 045 645
Germany: 069 86798021
Italy: 848 845 645
Spain: 901 516 645 Option 1
Switzerland: 0848 645 645
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