

THERE IS ALWAYS A **BETTER PLATE** TO OPTIMIZE YOUR 3D CELL CULTURE

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DEMO PLATES
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PrimeSurface®; take 3D control

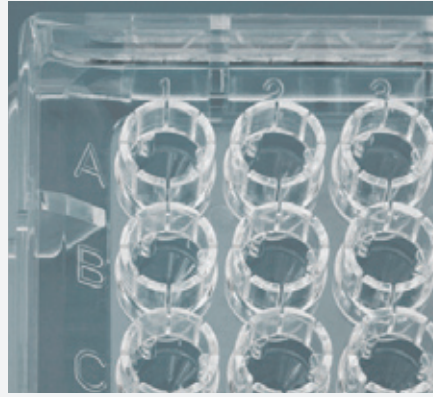
PHC provides superior quality three-dimensional cell culture platforms with a variety of well shapes to enable spheroid culturing of your specific cell type.

PrimeSurface cell culture labware are ultra low attachment (ULA) dishes and plates that promote scaffold free, self assembly of spheroid formation. The plates are pre-coated with unique ultra hydrophilic polymer that enables spontaneous spheroid formation of uniform size and shape. The ULA plates have high optical clarity making them highly suitable for bright field imaging and confocal microscopy. In addition to the widely used 96 well U bottom plate, 96 well plates are also available in V and M bottom, giving scientists a choice to form tighter spheroids that are needed for specific cell types. For high throughput screening (HTS) needs, 384 well plates are available in clear and white.

PRIMESURFACE® ULTRA LOW ATTACHMENT 3D CELL CULTURE PLATES

Slit well PrimeSurface plates

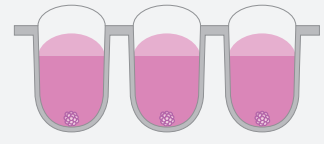
- Generate and maintain uniform spheroids
- Exchange media without disturbing spheroid formation
- Minimize media exchange time by simultaneous delivery of cell culture media to all 96 wells
- Use up to 1.5 times more media than in conventional plates, less media changes and more nutrients for the culture



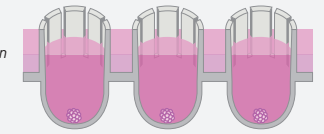
Time Saving Design

Slit-Well structure allows simultaneous delivery of cell culture medium to all 96 wells

Conventional product: medium is independent in each well

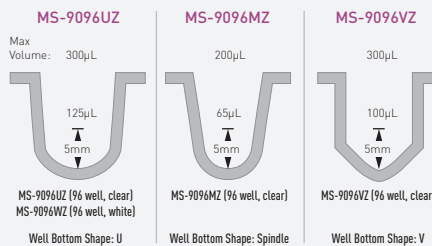
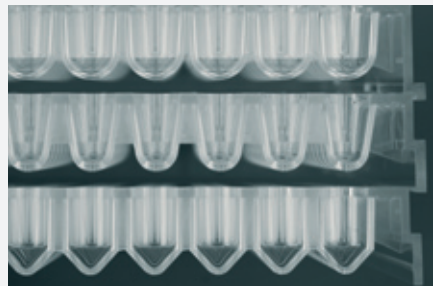


Slit-Well plate: medium is shared between wells



96 well PrimeSurface plates

- 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
- A variety of well bottom shapes: U-bottom, Spindle-bottom and V-bottom in 96 well format
- High optical clarity plates for imaging
- Stable, non-cytotoxic and cell non-adhesion surface
- Easy handling, compatible with liquid robotic systems
- 384 well formats for high throughput assay
- Compatible with bright-field and fluorescence imaging systems
- White plates compatible with luminescent assays



	MS-9096UZ	MS-9096MZ	MS-9096VZ
MDA-MB-453			
MDA-MB-468			

Seeding Density: 2×10^3 cells/well
Culture Medium: RPMI + 10%FBS
Incubation: 37°, 5%CO₂
Culture Period: 7 Days
MDA-MB-453, MDA-MB-468: human breast cancer

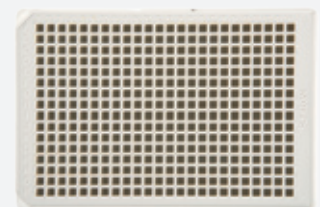
Data are provided by NishioLab., Dept. of Genome Bio, Kinki Univ. Faculty of Medicine

384 well PrimeSurface plates

- High throughput drug screening
- Available in multiple formats include 384 well microplate
- Sterile, ready-to-use, individually packed
- Promotes uniform size, single spheroid in one well
- Luminescent detection on same plate
- High volume well capacity
- Compatible with liquid handling systems



MS-9384UZ



MS-9384WZ

	Cat. No.	Product Name	Number of wells	Color	Well bottom	Maximum volume in each well	Package (radiation sterilized)
Microplates	MS-9024XZ	PrimeSurface 24 well	24	Clear	Flat	3.4 ml	Individually packed, 10 plates/case
	MS-9096UZ*	PrimeSurface 96U	96	Clear	U	300 µL	Individually packed, 20 plates/case
	MS-9096WZ*	PrimeSurface 96W	96	White	U	300 µL	Individually packed, 20 plates/case
	MS-9096MZ*	PrimeSurface 96M	96	Clear	Spindle	200 µL	Individually packed, 20 plates/case
	MS-9096VZ*	PrimeSurface 96V	96	Clear	V	300 µL	Individually packed, 20 plates/case
	MS-9384UZ*	PrimeSurface 384U	384	Clear	U	106 µL	Individually packed, 20 plates/case
Dishes	MS-9384WZ*	PrimeSurface 384W	384	White	U	106 µL	Individually packed, 20 plates/case
	MS-9035XZ	PrimeSurface dish 35 mm	-	Clear	Flat [9 cm ²]	-	5 dishes/package, 50 dishes/case
	MS-9060XZ	PrimeSurface dish 60 mm	-	Clear	Flat [21 cm ²]	-	10 dishes/package, 100 dishes/case
	MS-9090XZ	PrimeSurface dish90 mm	-	Clear	Flat [57 cm ²]	-	10 dishes/package, 50 dishes/case

* For research / laboratory use only



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