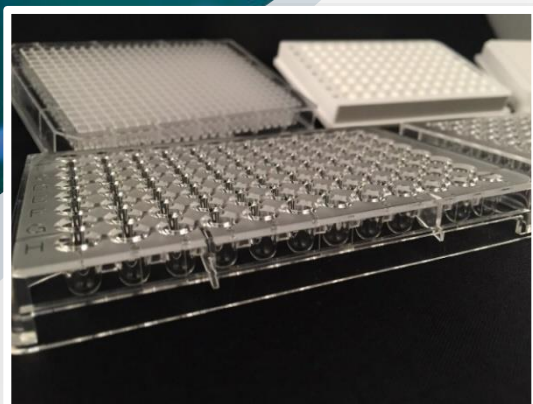


PrimeSurface®

Bringing 3D Cells Culture for Reliable Drug Screening, Oncology and Regenerative Medicine

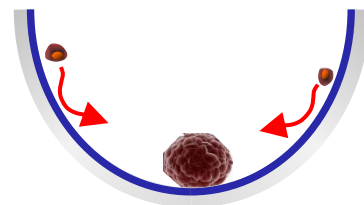
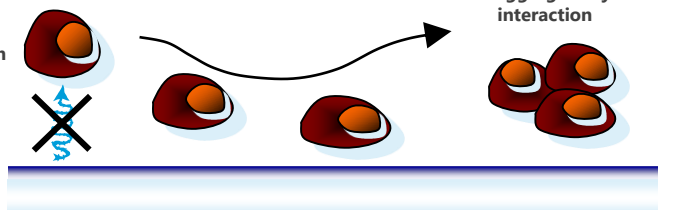


S-BIO provides superior quality three-dimensional cell culture plates with a variety of well shapes to enable spheroid culturing of your specific cell type.

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 scientist 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.

FEATURE

No interaction with plate surface



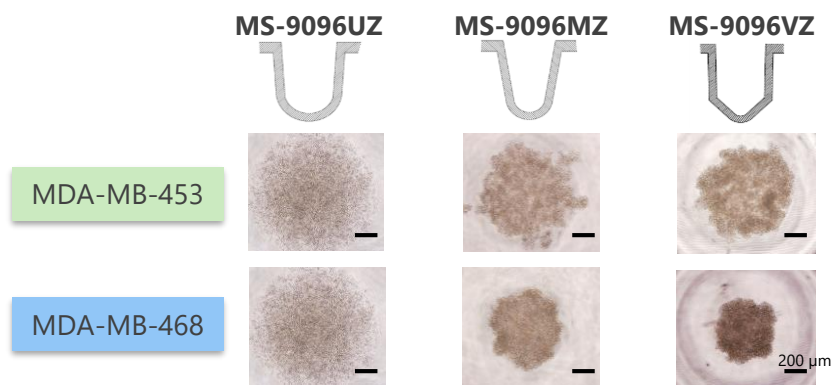
PrimeSurface® series are coated with a unique ultra-hydrophilic polymer that covalently bound to plastic surface, and effectively inhibits cell attachment without cytotoxic and material degrade. The superior coating technologies and manufacturing processes offer uniform spheroid/EB formation and smooth 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
- A variety of well bottom, 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 system
- 384 well formats for high throughput assay
- Compatible with bright-field and fluorescence imaging systems
- White plates compatible with luminescent assays

APPLICATIONS

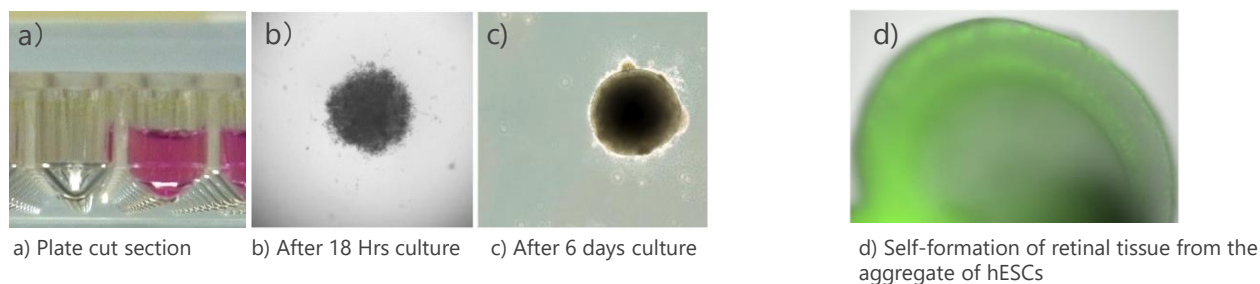
Three well bottom shapes of PrimeSurface® 96-well plate



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

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

Retinal tissue formation from Human ES Cells using PrimeSurface® 96-well V-bottom plate



d) Self-formation of retinal tissue from the aggregate of hESCs

Data (b-d) were provided by Division of Human Stem Cell Technology, RIKEN Center for Developmental Biology

SPECIFICATIONS

	Cat. No.	Product Name	Well type	Color	Well bottom shape	Maximum well Volume	Package
Microplate	MS-9024XZ	PrimeSurface 24 well	24	Clear	Flat (1.8cm ²)	3.4 ml	Individual package 10 plates/case
	MS-9096UZ	PrimeSurface 96U	96	Clear	Round	300 µL	Individual package 20 plates/case
	MS-9096WZ	PrimeSurface 96W	96	White	Round	300 µL	Individual package 20 plates/case
	MS-9096MZ	PrimeSurface 96M	96	Clear	Spindle	200 µL	Individual package 20 plates/case
	MS-9096VZ	PrimeSurface 96V	96	Clear	V	300 µL	Individual package 20 plates/case
	MS-9384UZ	PrimeSurface 384U	384	Clear	Round	106 µL	Individual package 20 plates/case
	MS-9384WZ	PrimeSurface 384W	384	White	Round	106 µL	Individual package 20 plates/case
Dish	MS-9035XZ	PrimeSurface dish 35mm	—	Clear	Flat (9cm ²)	—	5/package 50/ case
	MS-9060XZ	PrimeSurface dish 60mm	—	Clear	Flat (21cm ²)	—	10/package 100/case
	MS-9090XZ	PrimeSurface dish 90mm	—	Clear	Flat (57cm ²)	—	10/package 50/case



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