

**PRIMESURFACE®**  
ULTRA LOW ATTACHMENT  
3D CELL CULTURE PLATES

Developed for 3D Cell Culture Applications  
in SBS Footprint

Stem Cell Research | Drug Discovery and  
Development | Tissue Engineering |  
Regenerative Medicine

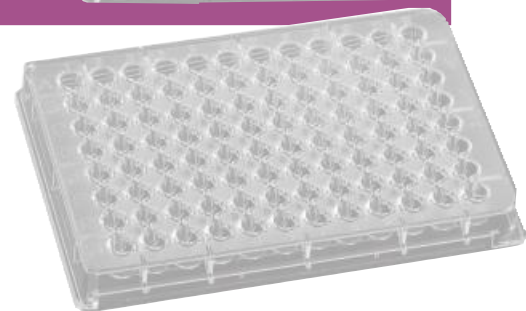
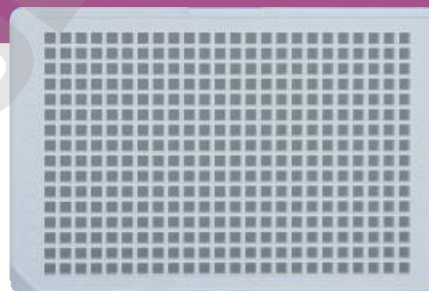
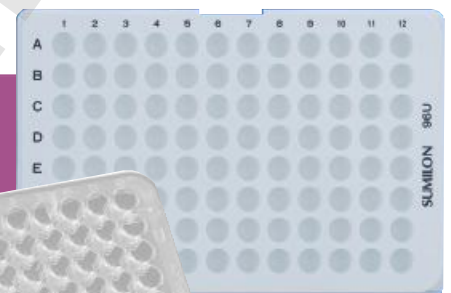
# PrimeSurface

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.

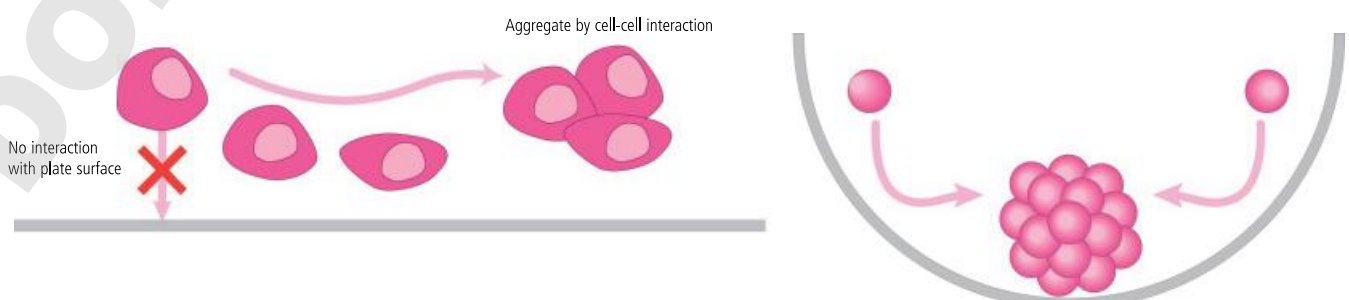
## Key benefits

- 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 system
- 384 well formats for high throughput assay
- Compatible with bright-field and fluorescence imaging systems
- White plates compatible with luminescent assays

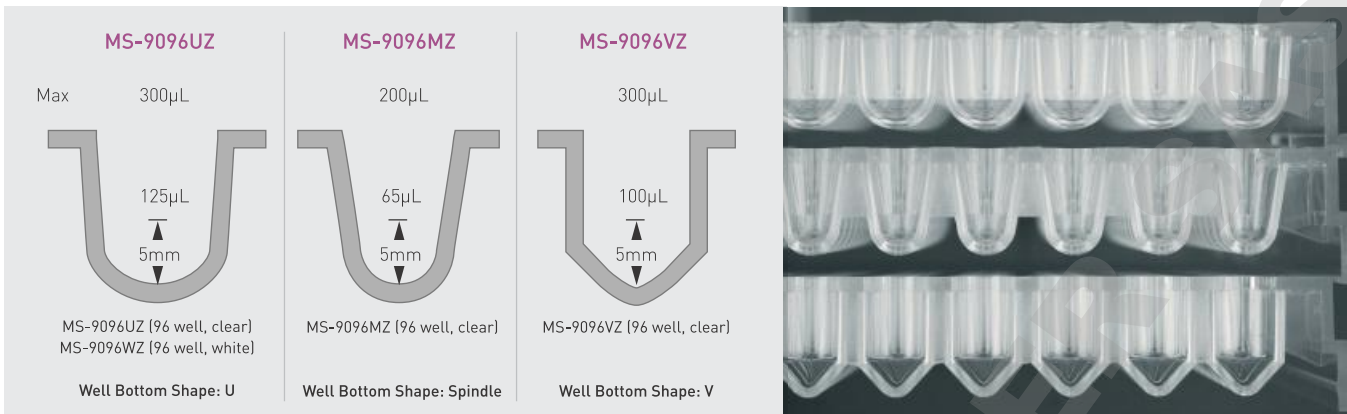


## Feature

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 degradation. The superior coating technologies and manufacturing processes offer uniform spheroid/EB formation and smooth surface to obtain clear cell images.



Three well bottom shapes of PrimeSurface 96 well plate



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



Cat. No. Microplates	Product Name	Number of wells	Color	Well bottom	Maximum volume in each well	Package (radiation sterilized)
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
MS-9384WZ	PrimeSurface 384W	384	White	U	106 µL	Individually packed, 20 plates/case

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