

Corning® FloWell™ 2W Plate

CORNING

The Corning FloWell 2W plate is a multiple well plate designed with continuous fluid perfusion technology for the directional controlled feeding of cells for up to 72 hours.

The plate consists of 2 sets of 3 well units. The wells within each unit are connected by porous channels to provide a continuous fluid flow, controlled via hydrostatic pressure. The middle well in each set of connected wells serves as the cell culture vessel. The first and third wells are used as the medium supply and waste wells, respectively (Fig. 1).

FloWell plates are ideal as cell feeding devices for culturing cells that require frequent medium change, such as neuronal, primary, fast-growing cancer and stem cells (Fig. 2). The continuous flow from the medium well to cell culture well eliminates the need to perform manual medium changes for up to 72 hours. Concurrently, exhausted medium flows out of cell culture wells, which is beneficial to cell viability and robust growth. The FloWell plate can also be used in co-culturing studies that investigate cell-to-cell communications of spatially separated cell lines.

Features

- ▶ Simple setup allows for up to 3 days of unattended, continuous cell feeding and media exchange
- ▶ Consistent fluid flow between wells enables a variety of co-culturing applications
- ▶ Ideal for maintaining cell cultures through weekend and holidays, saving time and labor costs
- ▶ Reduced handling and continuous removal of exhausted media lowers the risk of contamination and cell loss

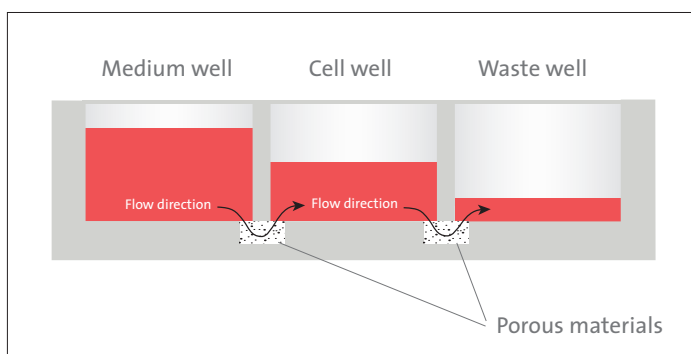


Figure 1. Cross section of Corning FloWell 2W Plate showing flow pattern through wells.

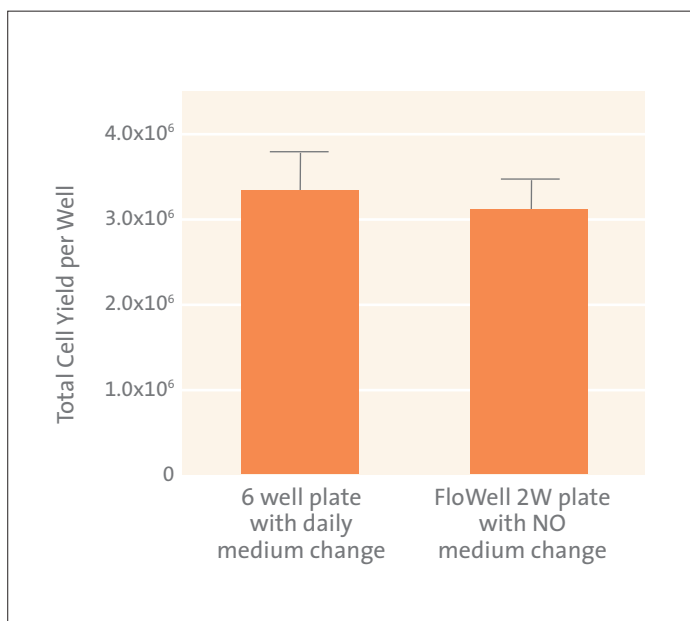
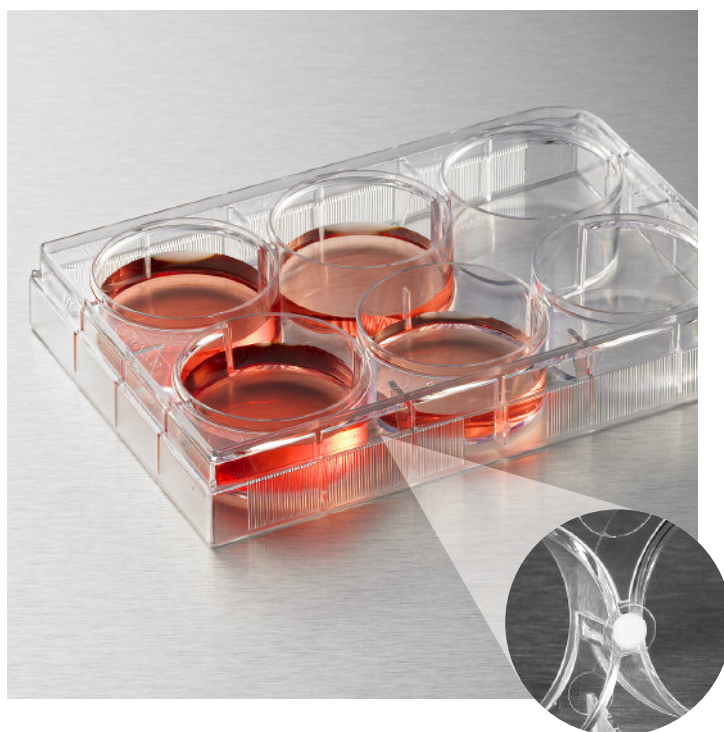


Figure 2. Comparable iPS cell yield obtained on Corning FloWell 2W Plate.

Corning® FloWell™ 2W Plate Ordering Information

Cat. No.	Description	Qyt/Pk	Qyt/Cs
3487XX1	Corning FloWell 2W Plate	1	24

Please visit www.corning.com/lifesciences for product user guide.

Related Products

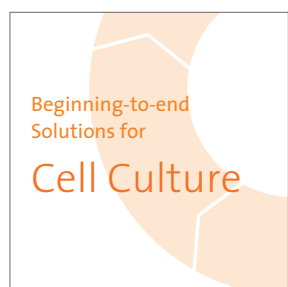
Corning Synthemax® II-SC Substrate

Cat. No.	Description	Size	Qty/Pk
3535XX1	Corning Synthemax II-SC Substrate, 10 mg vial	1	1

Corning stemgro® hMSC Medium

Cat. No.	Description	Size	Qty/Pk
40-410-KIT*	Corning stemgro hMSC Basal Medium	450 mL	1
	Corning stemgro hMSC Supplement	50 mL	1

*Please order through Mediatech.



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At Corning, cells are in our culture. In our continuous efforts to improve efficiencies and develop new tools and technologies for life science researchers, we have scientists working in Corning R&D labs across the globe, doing what you do every day. From seeding starter cultures to expanding cells for assays, our technical experts understand your challenges and your increased need for more reliable cells and cellular material.

It is this expertise, plus a 160-year history of Corning innovation and manufacturing excellence, that puts us in a unique position to offer a beginning-to-end portfolio of high-quality, reliable cell culture consumables.

For additional product or technical information, please call 800.492.1110 or visit www.corning.com/lifesciences. Customers outside the United States, call +1.978.442.2200 or contact your local Corning sales office listed below.

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