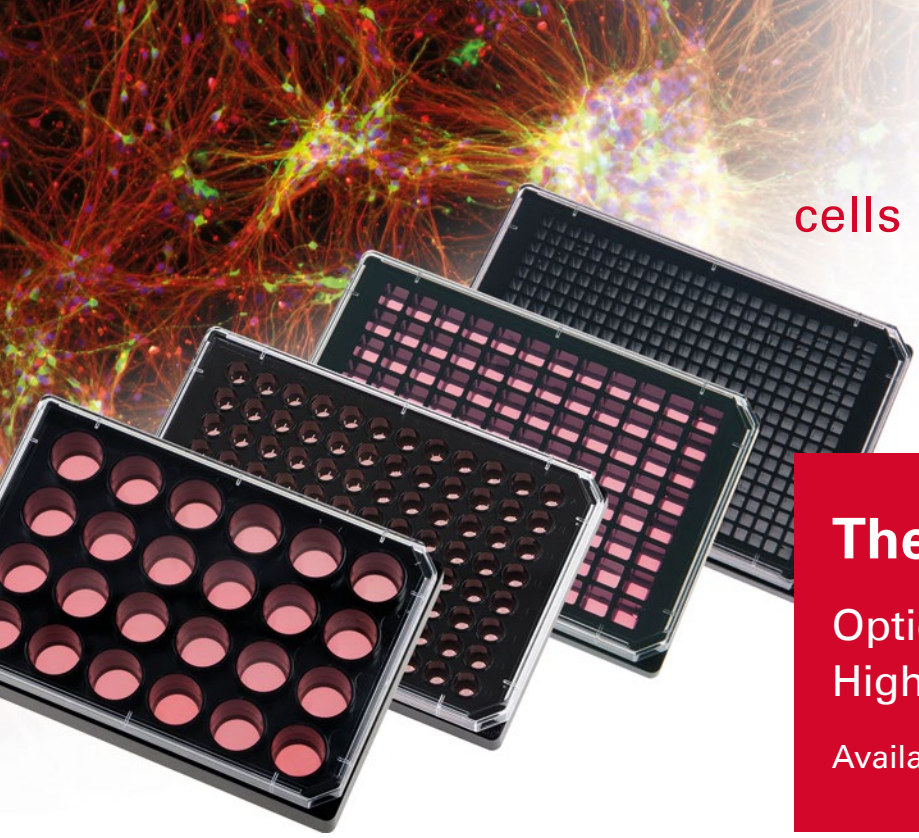


cells in focus ibidi®

The ibidi µ-Plates

Optical Brilliance for High-Throughput Systems

Available With 24, 96, and 384 Wells

✓ Clarity & Adhesion

Ideal cell adherence and high optical quality

✓ Minimal out-of-Focus

Consistent ultra-low well and plate flatness

✓ High-Throughput

ANSI/SLAS format for robotics and plate readers

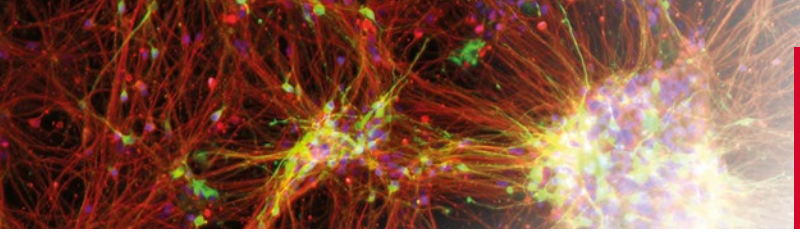
> *The ibiTreat surface modification in the µ-Plates **perfectly** facilitates cell adhesion **for all cell types**.*
>
> *The images taken from these plates are of good quality, **almost like glass** bottom plates.*

Hanna Kc Co
Academia Sinica, Taipei, Taiwan

The ibidi µ-Plate Family:

µ-Plate	24 Well	96 Well Round	96 Well Square	384 Well
Bottom	POLYMER COVERSLIP	POLYMER COVERSLIP	POLYMER COVERSLIP / GLASS COVERSLIP	GLASS COVERSLIP
Volume per well	1 ml	200 µl	300 µl	50 µl
Growth area per well	1.54 cm²	0.3 cm²	0.56 cm²	0.11 cm²

ibidi.com

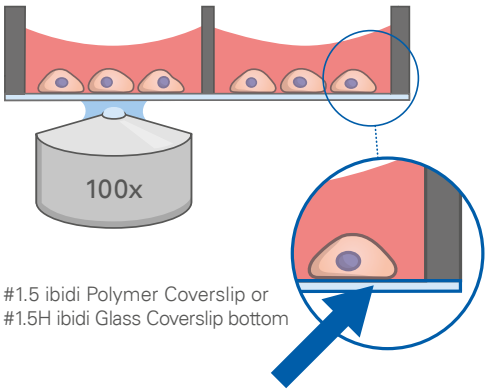


The ibidi µ-Plates

Optical Brilliance for High-Throughput Systems

The Coverslip Bottom of the ibidi µ-Plates

The outstanding characteristic of the ibidi µ-Plates is their thin coverslip bottom, which has excellent features for high-end microscopy applications. In comparison, the bottom of standard cell culture plastics is about 1 mm thick—which is more than 5 times the thickness of the coverslip and, therefore, not ideal for imaging.



ibidi Polymer Coverslip

POLYMER COVERSLIP

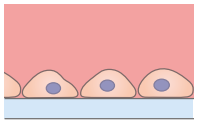
The ibidi Polymer Coverslip Bottom is suitable for various imaging techniques up to the highest resolution. With a standard #1.5 coverslip thickness of 180 µm (+10/–5 µm), it meets all optical requirements for microscopes. The ibidi Polymer Coverslip is compatible with a variety of immersion oils, which are specified at ibidi.com/oil.

ibidi Glass Coverslip

GLASS COVERSLIP

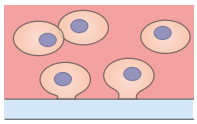
The ibidi Glass Coverslip Bottom was developed specifically for TIRF, super-resolution microscopy, and single molecule microscopy. However, it is also ideally suitable for standard imaging techniques. The D 263 M Schott borosilicate glass has a #1.5H thickness of 170 µm (+/–5 µm) and unrestricted immersion oil compatibility.

Surfaces and Coatings for the ibidi Polymer Coverslip



ibiTreat (Tissue Culture-Treated)

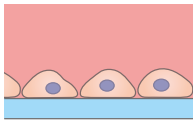
Excellent adhesion of adherent cells, hydrophilic surface with no need for any additional coating.



Hydrophobic, Uncoated Surface

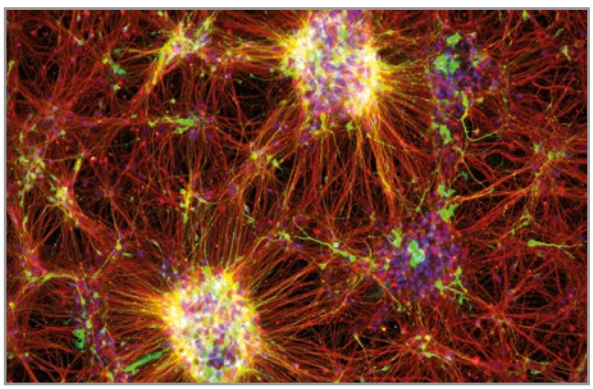
Weak adhesion of adherent cells, suitable for the application of specific coatings.

Surfaces for the ibidi Glass Coverslip



Glass Surface

Adhesion of adherent cells (coating might be required), ideal for special microscopy applications.



iPSC-derived dopaminergic neurons in the µ-Plate 96 Well Square display neurite extension and markers tyrosine hydroxylase (green), ß-III Tubulin (red), Foxa2 (blue).

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