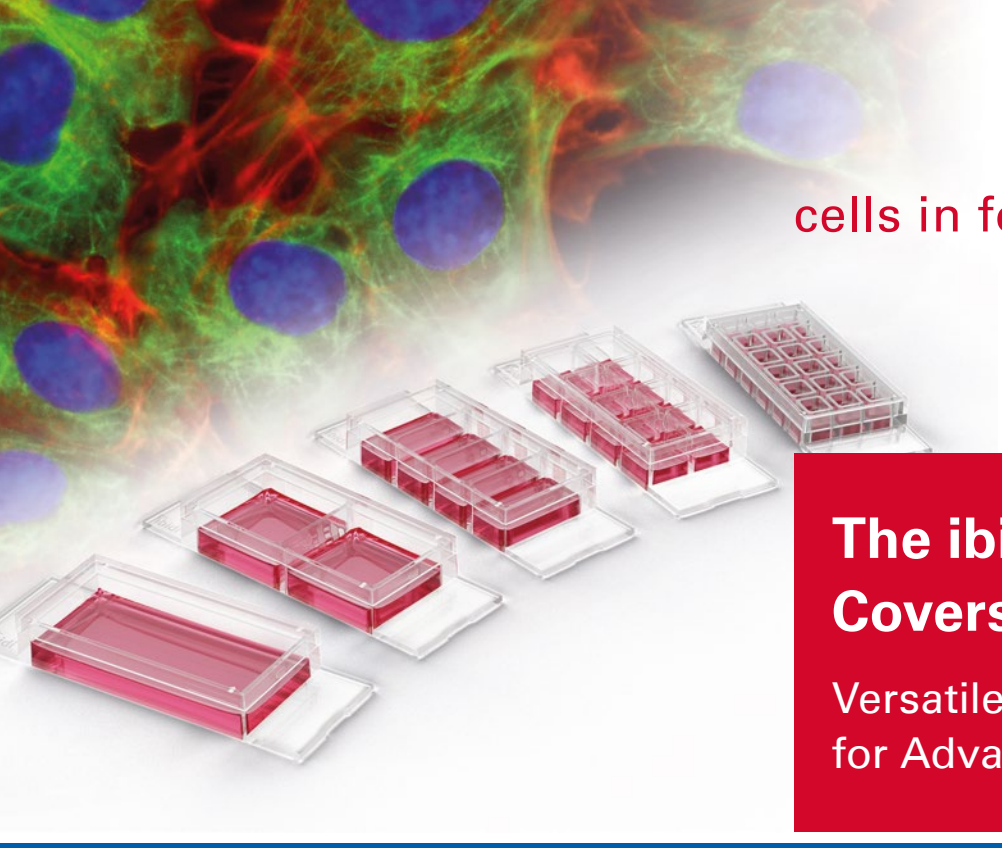

cells in focus ibidi®

The ibidi Chambered Coverslips

Versatile µ-Slides for Advanced Microscopy

- ✓ Available with 1–18 wells for experimental flexibility
- ✓ Multiple surface options to suit your research needs
- ✓ Exceptional optical clarity for high-end imaging

> *I tested the µ-Slide 18 Well and the µ-Slide 8 Well high. I used them for confocal microscopy.*
>
> *I can say that I am very pleased with these products! Super easy to use and very convenient.*

Rita Ribeiro
University of Lisbon, Portugal

The ibidi Chambered Coverslip Variety

	1 Well	2 Well	4 Well	8 Well high	18 Well
Bottom	POLYMER COVERSLIP GLASS COVERSLIP	POLYMER COVERSLIP GLASS COVERSLIP	POLYMER COVERSLIP GLASS COVERSLIP	POLYMER COVERSLIP GLASS COVERSLIP	POLYMER COVERSLIP GLASS COVERSLIP
Volume per well	3 ml	1.5 ml	700 µl	300 µl	100 µl
Growth area per well	10.6 cm²	5.1 cm²	2.5 cm²	1.0 cm²	0.34 cm²

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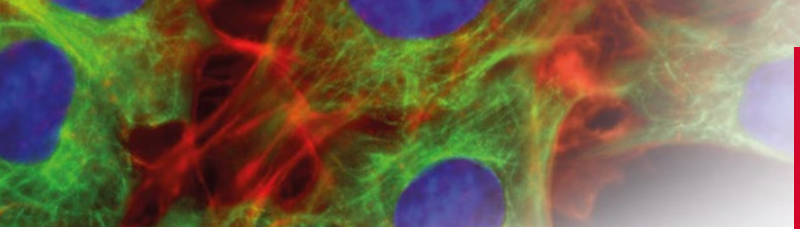
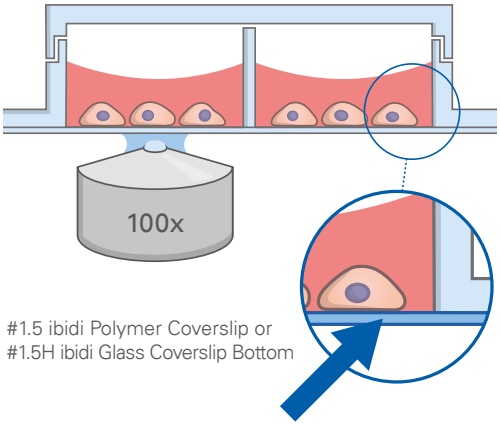


The ibidi Chambered Coverslips

Versatile µ-Slides for Advanced Microscopy

The Principle of Imaging Chambers: The Coverslip Bottom

The outstanding characteristic of the ibidi µ-Slides 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.



#1.5 ibidi Polymer Coverslip or
#1.5H ibidi Glass Coverslip Bottom

ibidi Polymer Coverslip

POLYMER COVERSLIP

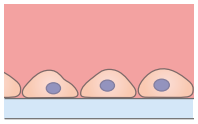
The ibidi Polymer Coverslip Bottom is suitable for various imaging techniques up to the highest resolution. With a standard #1.5 coverslip thickness of 180 µm (+10/–5 µm), it meets all optical requirements for microscopes. The ibidi Polymer Coverslip is compatible with a variety of immersion oils, which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

ibidi Glass Coverslip

GLASS COVERSLIP

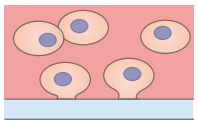
The ibidi Glass Coverslip Bottom was developed specifically for TIRF, super-resolution microscopy, and single molecule microscopy. However, it is also ideally suitable for standard imaging techniques. The D 263 M Schott borosilicate glass has a #1.5H thickness of 170 µm (+/–5 µm) and unrestricted immersion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

Surfaces and Coatings for the ibidi Polymer Coverslip



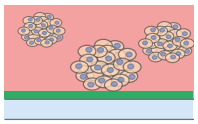
ibiTreat (Tissue Culture-Treated)

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



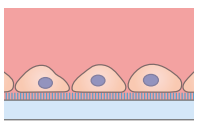
Hydrophobic, Uncoated Surface

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



Bioinert (ULA) Surface

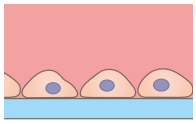
No adhesion of adherent cells or any biomolecule, ideal for spheroid and organoid culture.



Coated Surface

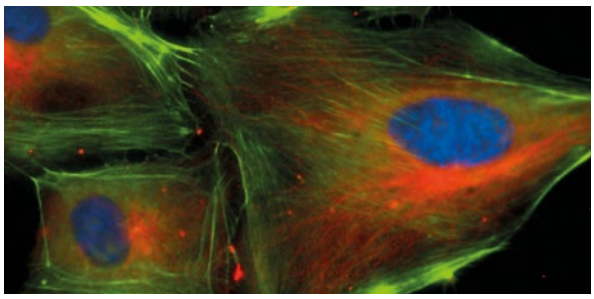
Culture of adherent cells on a Collagen I, IV, or Poly-L-Lysine surface.

Surfaces for the ibidi Glass Coverslip



Glass Surface

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



Immunofluorescence of human vascular endothelial cells (HUVECs) in a µ-Slide 18 Well ibiTreat. Red: alpha-Tubulin, green: F-actin, blue: nuclei.

ibidi GmbH | Lochhamer Schlag 11 | 82166 Gräfelfing | Germany
Tel.: +49 89 / 520 46 17-0 | Fax: +49 89 / 520 46 17-59 | E-Mail: info@ibidi.de

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