

## The ibidi μ-Plates

Optical Brilliance for  
High-Throughput Systems

Available With 24, 96, and 384 Wells

### ✓ Clarity & Adhesion

Ideal cell adhesion 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*

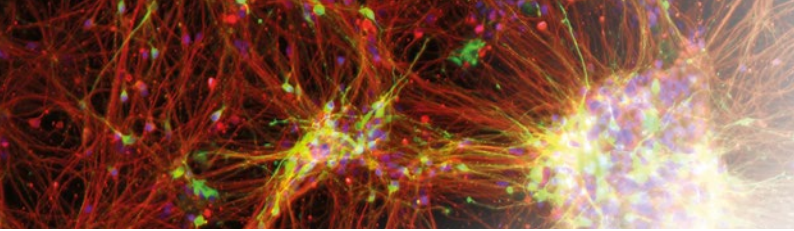
### The ibidi μ-Plate Family:



μ-Plate	24 Well	96 Well Round	96 Well Square	384 Well
Bottom			 	
Volume per well	1 ml	200 μl	300 μl	50 μl
Growth area per well	1.54 cm <sup>2</sup>	0.3 cm <sup>2</sup>	0.56 cm <sup>2</sup>	0.11 cm <sup>2</sup>

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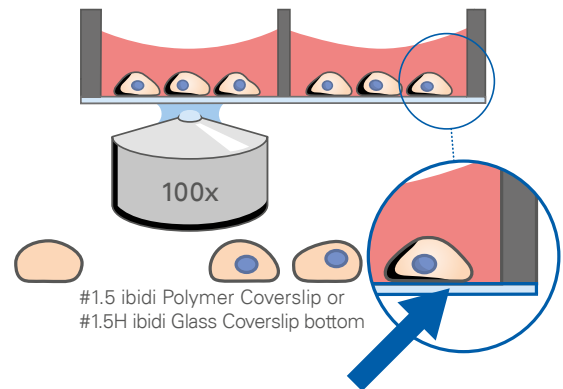


# The ibidi $\mu$ -Plates

Optical Brilliance for High-Throughput Systems

## The Coverslip Bottom of the ibidi $\mu$ -Plates

The outstanding characteristic of the ibidi  $\mu$ -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

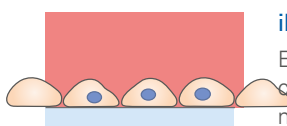
The ibidi Polymer Coverslip Bottom is suitable for various imaging techniques up to the highest resolution. With a standard #1.5 coverslip thickness of 180  $\mu\text{m}$  (+10/–5  $\mu\text{m}$ ), it meets all optical requirements for microscopes. The ibidi Polymer Coverslip is compatible with a variety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

### ibidi Glass Coverslip

GLASS  
COVERSLIP

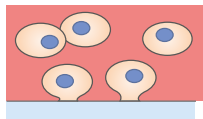
The ibidi Glass Coverslip Bottom was developed specifically for TIRF, super-resolution microscopy, and single molecule microscopy. However, it is also ideally suitable for standard imaging techniques. The D 263 M Schott borosilicate glass has a #1.5H thickness of 170  $\mu\text{m}$  (+/–5  $\mu\text{m}$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

### Surfaces and Coatings for the ibidi Polymer Coverslip



#### ibiTreat (Tissue Culture-Treated)

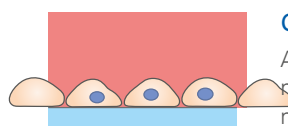
Excellent adhesion of adherent cells, hydrophilic surface with no need for any additional coating.



#### Hydrophobic, Uncoated Surface

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

### Surfaces for the ibidi Glass Coverslip

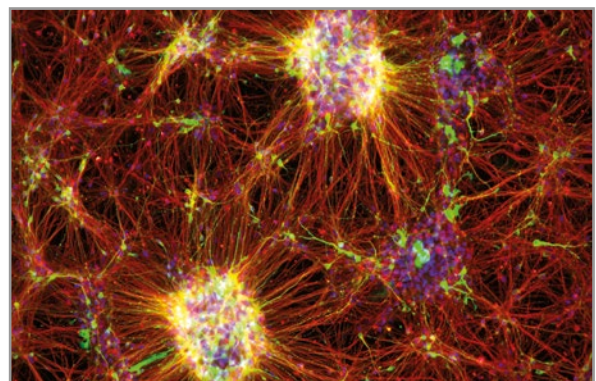


#### Glass Surface

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

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

*Asuka Morizane, Kobe Hospital, Japan*



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# CliniSciences Group

## Austria

Company: CliniSciences GmbH  
Address: Sternwartestrasse 76, A-1180  
Wien - Austria  
Telephone: +43 720 115 580  
Fax: +43 720 115 577  
Email: [oesterreich@clinisciences.com](mailto:oesterreich@clinisciences.com)  
Web: <https://www.clinisciences.com>



## Belgium

Company: CliniSciences S.R.L  
Address: Avenue Stalingrad 52, 1000  
Brussels - Belgium  
Telephone: +32 2 31 50 800  
Fax: +32 2 31 50 801  
Email: [belgium@clinisciences.com](mailto:belgium@clinisciences.com)  
Web: <https://www.clinisciences.com>



## Denmark

Company: CliniSciences ApS  
Address: Oesterbrogade 226, st. 1,  
Copenhagen, 2100 - Denmark  
Telephone: +45 89 888 349  
Fax: +45 89 884 064  
Email: [denmark@clinisciences.com](mailto:denmark@clinisciences.com)  
Web: <https://www.clinisciences.com>



## Finland

Company: CliniSciences ApS  
Address: Oesterbrogade 226, st. 1,  
Copenhagen, 2100 - Denmark  
Telephone: +45 89 888 349  
Fax: +45 89 884 064  
Email: [suomi@clinisciences.com](mailto:suomi@clinisciences.com)  
Web: <https://www.clinisciences.com>



## France

Company: CliniSciences S.A.S  
Address: 74 Rue des Suisses, 92000  
Nanterre- France  
Telephone: +33 9 77 40 09 09  
Fax: +33 9 77 40 10 11  
Email: [info@clinisciences.com](mailto:info@clinisciences.com)  
Web: <https://www.clinisciences.com>



## Germany

Company: Biotrend Chemikalien GmbH  
Address: Wilhelm-Mauser-Str. 41-43,  
50827 Köln - Germany  
Telephone: +49 221 9498 320  
Fax: +49 221 9498 325  
Email: [info@biotrend.com](mailto:info@biotrend.com)  
Web: <https://www.biotrend.com>



## Iceland

Company: CliniSciences ApS  
Address: Oesterbrogade 226, st. 1,  
Copenhagen, 2100 - Denmark  
Telephone: +45 89 888 349  
Fax: +45 89 884 064  
Email: [island@clinisciences.com](mailto:island@clinisciences.com)  
Web: <https://www.clinisciences.com>



## Ireland

Company: CliniSciences Limited  
Address: Ground Floor, 71 lower Baggot street  
Dublin D02 P593 - Ireland  
Telephone: +353 1 6971 146  
Fax: +353 1 6971 147  
Email: [ireland@clinisciences.com](mailto:ireland@clinisciences.com)  
Web: <https://www.clinisciences.com>



## Italy

Company: CliniSciences S.r.l  
Address: Via Maremmana inferiore 378  
Roma 00012 Guidonia Montecelio - Italy  
Telephone: +39 06 94 80 56 71  
Fax: +39 06 94 80 00 21  
Email: [italia@clinisciences.com](mailto:italia@clinisciences.com)  
Web: <https://www.clinisciences.com>



## Netherlands

Company: CliniSciences B.V.  
Address: Gaetano Martinolaan 85, 6229  
GS Maastricht - Netherlands  
Telephone: +31 85 2082 351  
Fax: +31 85 2082 353  
Email: [nederland@clinisciences.com](mailto:nederland@clinisciences.com)  
Web: <https://www.clinisciences.com>



## Norway

Company: CliniSciences AS  
Address: c/o MerVerdi Munkerudtunet 10  
1164 Oslo - Norway  
Telephone: +47 21 988 882  
Email: [norge@clinisciences.com](mailto:norge@clinisciences.com)  
Web: <https://www.clinisciences.com>



## Poland

Company: CliniSciences sp.Z.o.o.  
Address: ul. Rotmistrza Witolda Pileckiego 67  
lok. 200 - 02-781 Warszawa -Poland  
Telephone: +48 22 307 0535  
Fax: +48 22 307 0532  
Email: [polaska@clinisciences.com](mailto:polaska@clinisciences.com)  
Web: <https://www.clinisciences.com>



## Portugal

Company: Quimigen Unipessoal LDA  
Address: Rua Almada Negreiros, Lote 5, Loja 14,  
2615-275 Alverca Do Ribatejo - Portugal  
Telephone: +351 30 8808 050  
Fax: +351 30 8808 052  
Email: [info@quimigen.com](mailto:info@quimigen.com)  
Web: <https://www.quimigen.pt>



## Spain

Company: CliniSciences Lab Solutions  
Address: C/ Hermanos del Moral 13  
(Bajo E), 28019, Madrid - Spain  
Telephone: +34 91 269 40 65  
Fax: +34 91 269 40 74  
Email: [espana@clinisciences.com](mailto:espana@clinisciences.com)  
Web: <https://www.clinisciences.com>



## Sweden

Company: CliniSciences ApS  
Address: Oesterbrogade 226, st. 1,  
Copenhagen, 2100 - Denmark  
Telephone: +45 89 888 349  
Fax: +45 89 884 064  
Email: [sverige@clinisciences.com](mailto:sverige@clinisciences.com)  
Web: <https://www.clinisciences.com>



## Switzerland

Company: CliniSciences AG  
Address: Fracht Ost Flughafen Kloten  
CH-8058 Zürich - Switzerland  
Telephone: +41 (044) 805 76 81  
Fax: +41 (044) 805 76 75  
Email: [switzerland@clinisciences.com](mailto:switzerland@clinisciences.com)  
Web: <https://www.clinisciences.com>



## UK

Company: CliniSciences Limited  
Address: 11 Progress Business center, Whittle  
Parkway, SL1 6DQ Slough- United Kingdom  
Telephone: +44 (0)1753 866 511  
or +44 (0) 330 684 0982  
Fax: +44 (0)1753 208 899  
Email: [uk@clinisciences.com](mailto:uk@clinisciences.com)  
Web: <https://www.clinisciences.com>



## USA

Company: Biotrend Chemicals LLC  
Address: c/o Carr Riggs Ingram,  
500 Grand Boulevard, Suite 210 Miramar  
Beach, FL 32550- USA  
Telephone: +1 850 650 7790  
Fax: +1 850 650 4383  
Email: [info@biotrend-usa.com](mailto:info@biotrend-usa.com)  
Web: <https://www.biotrend-usa.com>

