

The ibidi product family is comprised of a variety of μ -Slides and μ -Dishes, which have all been designed for high-end microscopic analysis of fixed or living cells. The high optical quality of the material is similar to that of glass, so you can perform all kinds of fluorescence experiments with uncompromised resolution and choice of wavelength.

The Smart Slide is an 8 channel cell counting chamber compatible with the Roche Cedex® XS Analyzer.

Material

ibidi μ -Slides, μ -Dishes, and μ -Plates are made of a plastic that has the highest optical quality. The polymer coverslip on the bottom exhibits extremely low birefringence and autofluorescence, similar to that of glass. Also, it is not possible to detach the bottom from the upper part. The μ -Slides, μ -Dishes, and μ -Plates are not autoclavable, since they are only temperature-stable up to 80°C/175°F. Please note that gas exchange between the medium and incubator's atmosphere occurs partially through the polymer coverslip, which should not be covered.

Optical Properties ibidi Polymer Coverslip

Refractive index n_D (589 nm)	1.52
Abbe number	56
Thickness	No. 1.5 (180 μ m)
Material	polymer coverslip

Shipping and Storage

The μ -Slides, μ -Dishes and μ -Plates are sterilized and welded in a gas-permeable packaging. The shelf life under proper storage conditions (in a dry place, no direct sunlight) is listed in the following table.

Conditions

Shipping conditions	Ambient
Storage conditions	RT (15-25°C)

Shelf Life of Different Surfaces

ibiTreat, Glass Bottom, ESS	36 months
Collagen, Poly-L-Lysine	18 months

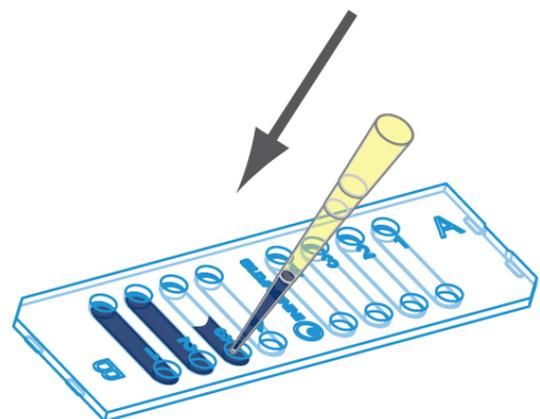
Geometry

Geometry of the Smart Slide

Slide dimensions	25.6 \times 75.7 mm ²
Total height	1.61 mm
Number of channels	8
Volume of each channel	20 μ l
Height of channels	0.2 mm
Length of channels	15.45 mm
Width of channels	3.45 mm
Bottom	ibidi Polymer Coverslip (ibi-Treat)

Filling the Smart Slide

After preparing your sample, fill 20 μ l into each channel. For best results, inject the solution with a 20 μ l pipet quickly and directly into the channel.



Fill 20 μ l into the Smart Slide with a pipet.

Ordering Information

The Smart Slide is available in one product version.



Cat. No.	Description
80816	Smart Slide: for Cedex [®] XS Analyzer, 15 × 8 measurements, sterilized

CEDEX and INNOVATIS are trademarks of Roche Diagnostics.

For research use only!

Further technical specifications can be found at www.ibidi.com. For questions and suggestions please contact us by e-mail info@ibidi.de or by telephone +49 (0)89/520 4617 0. All products are developed and produced in Germany.

© ibidi GmbH, Am Klopferspitz 19, 82152 Martinsried, Germany.