

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

This document applies to the following product:

 80816 **Smart Slide**

Material

The Smart Slide is made of a polymer that has the highest optical quality. It is not possible to detach the bottom from the upper part. The slide is intended for one-time use and is not autoclavable, since it is only temperature-stable up to 80 °C/175 °F.

Optical Properties of Polymer Coverslip

Refractive index (589 nm)	1.52
Abbe number	56
Thickness	No. 1.5 (180 µm)
Material	Polymer

Shipping and Storage

This product is sterilized and sealed in a gas-permeable packaging. The shelf life under proper storage conditions (in a dry place, no direct sunlight) is outlined in the following table.

Conditions	
Shipping conditions	Ambient
Storage conditions	RT (15–25 °C)
Shelf Life	
ibiTreat	36 months

Geometry

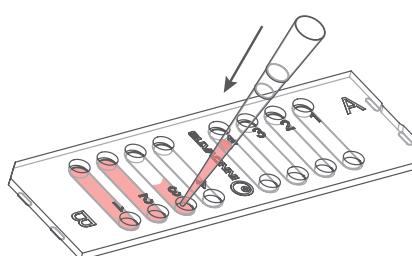
Specifications

Slide dimensions	25.6 x 75.7 mm ²
Total height	1.61 mm
Number of channels	8
Volume of each channel	20 µl*
Channel height	0.2 mm
Channel length	15.45 mm
Channel width	3.45 mm
Bottom	ibidi Polymer Coverslip (ibiTreat)

* The geometrical channel volume is 10 µl. We recommend using 20 µl for easy channel filling. This has no effect on the cell count output.

Filling Channels

After preparing your sample, fill 20 µl into each channel. For optimal results, use a 20 µl pipet to inject the solution quickly and directly into the channel.



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