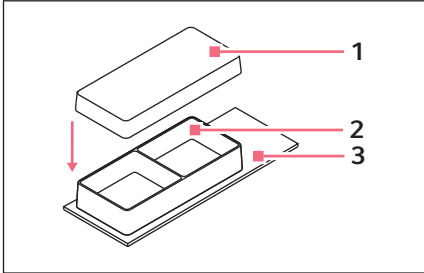


Instructions for use

Eppendorf Cell Imaging Slides
English (EN)

1 Product description



The Eppendorf Cell Imaging Slides are suitable for growth, fixation and microscopy of cells. The chamber (2) makes it possible to cultivate and color cells, while the slide (3) can be used separately for microscopic examinations. The lid (1) prevents evaporation and protects against contamination.

There are chambers with 1, 2, 4 or 8 wells.

Eppendorf Cell Imaging Consumables can be used in training, routine and research laboratories in the fields of life sciences, industry, or chemistry. The product is intended for research purposes only. Any other use is not warranted by Eppendorf. Not intended for use in diagnostic or therapeutic procedures.

The Eppendorf Cell Imaging Consumables may only be operated by skilled personnel who have been trained in the areas mentioned above.

2 Notes for use



WARNING! Risk of contamination

Consumables are only sterile in sealed packaging.

- ▶ Please check that the packaging is undamaged.
- ▶ Observe the expiry date printed on the packaging.
- ▶ Only open the packaging immediately before use.
- ▶ Only use visually perfect and undamaged items.



WARNING! Risk of contamination from multiple use.

Consumables are intended for single-use only.

- ▶ After use, dispose of consumables in accordance with the substances with which they have come into contact.

2 Instructions for use Eppendorf Cell Imaging Slides English (EN)



WARNING! Damage to health due to infectious liquids and pathogenic germs.

- ▶ When handling infectious liquids and pathogenic germs, observe the national regulations, the biological security level of your laboratory, the material safety data sheets, and the manufacturer's application notes.
- ▶ Wear personal protective equipment.
- ▶ For full instructions regarding the handling of germs or biological material of risk group II or higher, please refer to the "Laboratory Biosafety Manual" (Source: World Health Organization, current edition of the Laboratory Biosafety Manual).



CAUTION! Risk of injury from glass fragments!

Glass fragments can cause cuts.

- ▶ Handle consumables made from glass with care. Avoid glass breakage.
- ▶ Do not touch glass fragments with your hands. Use suitable tools to pick up glass fragments.

- ▶ Reagents, consumables contaminated by reagents and materials used for cleaning and disinfecting must be disposed of in accordance with laboratory regulations.
- ▶ The surface is tissue culture treated (TCT). The surface should be coated with an appropriate biological coating (e.g. collagen) to support cell attachment and growth.

3 Application

1. Remove the lid from the Cell Imaging Slide.
2. Pipet the cell suspension into the single wells.
3. Incubate the Cell Imaging Slides.
4. Carefully lift the chamber for microscopy off the slide.
5. Cover the slides with a cover glass.
6. Microscope the slide.



Eppendorf Cell Imaging Slides are suitable for microscopy of fixed cells.

4 Technical data

Number of wells	1	2	4	8
Material	Soda-lime			
Hydrolytic class	3			
Thickness	1 mm			
Refraction index	1.52			
Abbe coefficient	55-58			
Imaging area	10.8 cm ²	5.0 cm ²	2.1 cm ²	0.9 cm ²
Total volume	11.0 mL	5.5 mL	2.2 mL	0.9 mL
Recommended working volume	2 mL	1 mL	0.5 mL	0.3 mL
Operational temperature	-20° C to +80° C			

- The Eppendorf Cell Imaging Slides are packed individually and sterile.
- The chamber is attached to the slide with a biocompatible silicone seal.

Certificates

Certificates:	The certificates can be found at www.eppendorf.com .
Lot-specific certificates:	Sterility Free of detectable RNase/DNase, DNA and pyrogens. Lot-specific certificates can be found at www.eppendorf.com .

5 Ordering information

Order no. (International)	Order no. (North America)	Description
0030 742.044	0030742044	Cell Imaging Slides 1 Well 16 pieces
0030 742.052	0030742052	Cell Imaging Slides 2 Wells 16 pieces
0030 742.060	0030742060	Cell Imaging Slides 4 Wells 16 pieces
0030 742.079	0030742079	Cell Imaging Slides 8 Wells 16 pieces