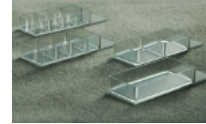
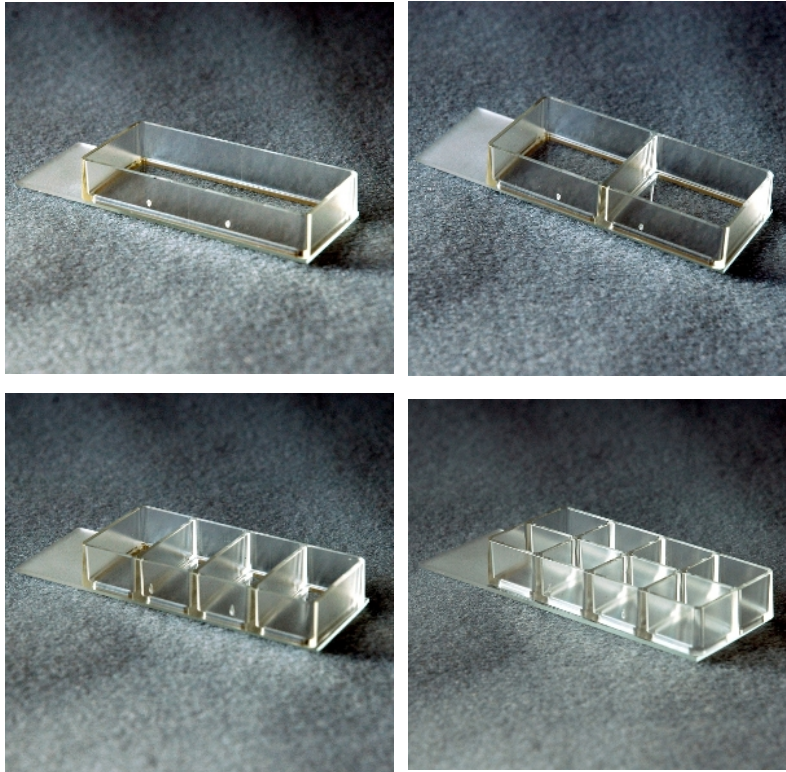


Imaging Chamber

Article number	Application
8011	▪ Life Cell Imaging
8012	▪ Weakly fluorescent stains / proteins
8014	▪ Fluorescence In-Situ Hybridisation (FISH)
8018	▪ Immune histology



Imaging Chamber products are chambered cell culture vessels mounted on microscope slides. Chambers and lids are made from high performance polymers and are sealed against the glass bottoms by biological inert silicone adhesive. At the end of the experiments the glasses can be detached from the polymer chambers and used for further processing or archiving.



The high performance polymer of chamber bodies and lids withstands temperatures up to 90°C. Due to this temperature stability the Imaging Chambers show also excellent stability of the focus plane when the chambers are exposed to temperature shifts (e.g. when the chambers are transported from the incubator to the microscope). Furthermore the Imaging Chambers are resistant against many chemicals (e.g. acetone, DMSO, alcohols). Therefore the full products are suitable for in-situ hybridization technologies as well as for a wide range of fixation and staining protocols.

The microscope slides of the Imaging Chamber products are made from 1 mm soda lime glass of higher quality (optimised for fluorescence microscopy) All microscope slides have frosted ends (outside the chambers). All corners of the slides are smoothed. Imaging Chambers with microscope slides can be used with long distance objectives.

Cell adhesion, spreading and distribution are supported by our improved surface modification known from our Imaging Plate CG products. Imaging Chambers are available in 1 well, 2 well, 4 well and 8 well Format.

Order information

Article number	Wells / chamber	Chambers / bag	Chambers/ SU	Lid	Sterile
8011-4	1	4 / bag	4	+	+
8011-16	1	4 / bag	16 / box	+	+
8011-80	1	4 / bag	80 / box	+	+
8012-4	2	4 / bag	4	+	+
8012-16	2	4 / bag	16 / box	+	+
8012-80	2	4 / bag	80 / box	+	+
8014-4	4	4 / bag	4	+	+
8014-16	4	4 / bag	16 / box	+	+
8014-80	4	4 / bag	80 / box	+	+
8018-4	8	4 / bag	4	+	+
8018-16	8	4 / bag	16 / box	+	+

[Specification](#)

[Tutorial: Handling and disassembly of chamber and microscope slide](#)

[« back](#) | [print](#)

zell-kontakt - design, biointerface, performance for cell based assays
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