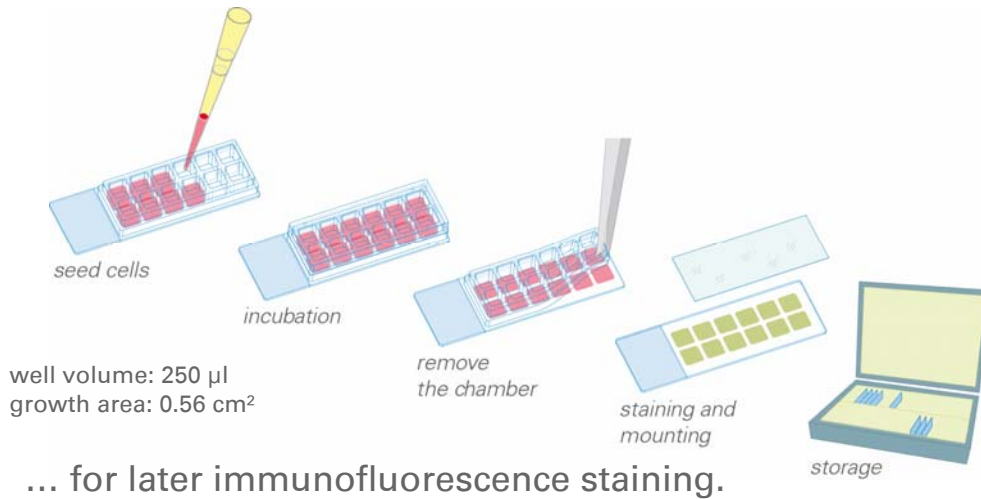


μ -Chamber 12 well is a removable cultivation chamber for cell culture and immunofluorescence stainings.


Technical information - idea



Cells grow on a standard glass slide ...



Technical information - idea



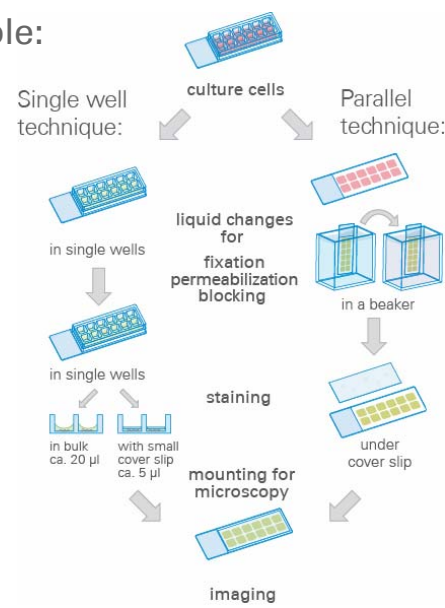
Different protocols applicable:

Single well technique:

- Individual staining of wells
- Low volume
- Time consuming

Parallel technique:

- Parallel staining of wells
- Large volume
- Faster



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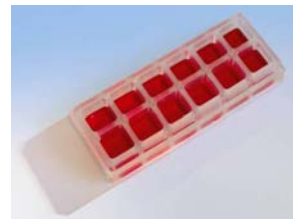
For mounting of slide samples a permanent mounting medium is recommended. ibidi Mounting Medium is not recommended because it is non-hardening and stays liquid (which is advantageous for μ -Slides and μ -Dishes).

Features of μ -Chamber 12 well



- Self-adhesive 12 well silicone gasket mounted on standard glass slide
- Standard glass slide format (26 mm x 76 mm x 1 mm)
- Chamber removable biocompatible silicon material
- Non-fluorescent slide with frosted ends for easy handling and labeling
- Ground edges for increased safety when handling infectious material
- No adhesive remains on slide after chamber is removed
- Optional: transfer to any flat and clean surface for cell cultivation
- Suitable for upright microscopes after staining and mounting with a coverslip*
- Long term storage of microscopy samples

Free samples on: www.ibidi.com

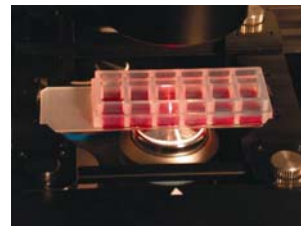
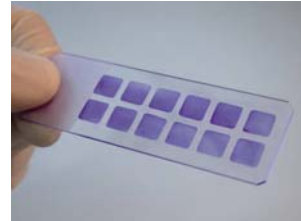


*suitable glass coverslips (24 mm x 60 mm) are also provided by ibidi (10811)

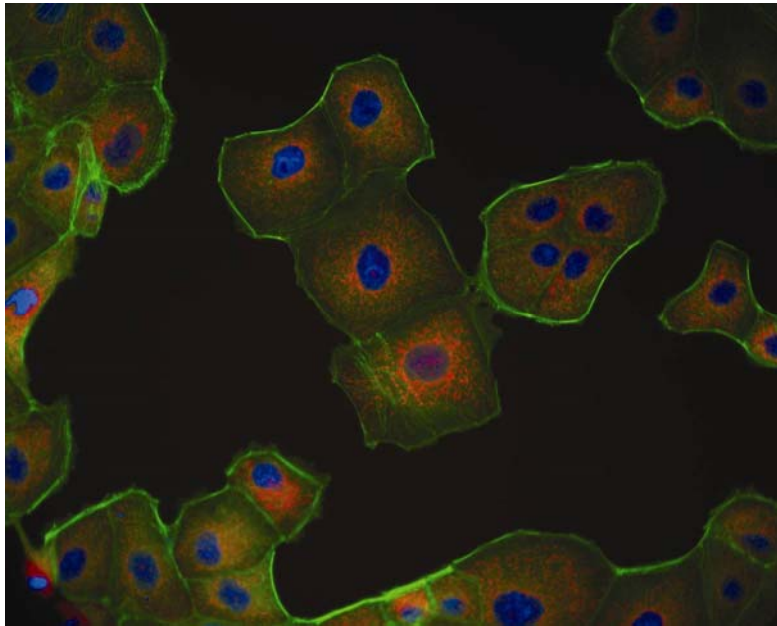
Applications



- Immunofluorescence assays with standard coverslip technique
- Long term sample storage
- Glass slide handling machinery
- Adherent cells or tissue samples
- Upright microscopes
- Confocal microscopy



Applications – MDCK cells after immunofluorescence staining



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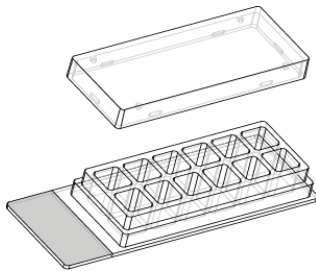
Excursus – open wells vs. channels



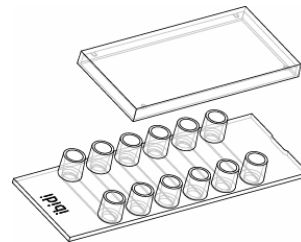
Open slides vs. channel slides



In open formats a better imaging quality can be achieved by using small coverslips to prevent meniscus formation. Such a "lid" is integrated intrinsically in channel structures.



μ -Chamber 12 well



μ -Slide VI ^{0.4}

Free sample program 

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