

## Multiwell Plates Quick Guide (24- or 96-Multiwell Plates)

### Quick Guide for Using, Storing, and Cleaning of Well Plates

#### Shelf-life date:

The period of shelf-life for multiwell plates is six months from the date of delivery.

This guarantee expires if the multiwell plate is modified, operated incorrectly, or intentionally or negligently damaged. For detailed information about multiwell plates, read the Multiwell-MEA Manual and the respective Multiwell Plate Layout Datasheet. [www.multichannelsystems.com/downloads](http://www.multichannelsystems.com/downloads)

**Use:** Multiwell plates in original blister package are sterilized.

**Pretreatment** to increase the hydrophilicity: Fill dry wells with PBS and place the well plate at 30 °C on a heating plate for at least five hours before using. Close lid to avoid drying out.

Alternatively treat the well plates in a plasma cleaner.

#### Cleaning:

**TergAZyme:** Rinse the multiwell plate with distilled water and fill wells with TergAZyme solution afterwards, wait 12 hours at room temperature before washing the wells (2 x 30 min) with distilled water.

**Ethanol:** Fill the wells with 70 % Ethanol for at least 20 minutes, keep the lid closed. Then rinse the wells three times with distilled water, dry overnight.

**Sterilization:** Please use ultraviolet light as well as alcohol for sterilization.

**Storage:** Please store used well plates cleaned, at room temperature and in a dark and dust free place.

#### Important:

- Do not autoclave well plates.
- Do not clean wells mechanically.
- Do not expose to temperatures over 40 °C.
- Do not apply alcohol longer than 30 minutes to the wells.

#### Note:

We generally recommend to always use new multiwell plates for your recordings. However, repeated use is possible when paying attention to the cleaning and sterilization procedures described above. The number of cycles depends on the experimental design. Repeated use of multiwell plates is on customer's own risk.

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