



User guide
Vol.1

CELLNETTA MZM1 SERIES

Hydrophilic treatment manual

CELLNETTA's MZM1 series features a large number of pores in its thin film (high aperture ratio), which enhances liquid permeability. This allows the liquid to flow by gravity alone, without having to be pumped or suctioned by an aspirator. However, smaller mesh sizes generally have increased surface tension, which worsens permeability. Before using CELLNETTA, we strongly recommend you pretreat it with the method described here for optimal performance.

Operation procedure

Step	Operation
1	Place CELLNETTA into a centrifuge tube.
2	Add approximately 2 mL of 70% ethanol to the entire surface of the filter to make it hydrophilic.
3	Add approximately 5 mL of PBS or culture medium to the entire surface of the filter to wash off any residual ethanol.
	✓Key point If there is no problem with the permeability of the cleaning solution, the hydrophilic treatment has been successful.

Note: Perform sample processing as soon as possible after completion of the hydrophilic treatment.

Note: Do not touch or press against the filter surface with a pipette or other sharp-tipped objects.

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- This product is not a medical device.
- This product is a sample for evaluation purpose.
- Please do not ship out your completed product with the sample.
- We shall not be liable for any claims on the sample in case it is shipped out to the market.

Murata Manufacturing Co., Ltd.

CELLNETTA Website

