

## pluriStrainer Mini 1 $\mu\text{m}$ (membrane, 5 pcs.)

Order No.:46-10001-15



### Description

## Membrane Filter

Membrane filters have a well-defined pore size exclusion limit (available with 1, 3, 5 & 8  $\mu\text{m}$  pores), allowing for precise filtration and detection of very small particles.

The membranes are non-hygroscopic (optimal for sample recovery), have low non-specific protein binding (reduces sample loss in protein-containing samples), are biologically inert, non-cytotoxic, and have excellent chemical and temperature resistance.

The membrane filters can be used for example in biological or gravimetric analysis, cytology, parasitology or in environmental analyzes.

**Sterilizable:** Yes, 70% Ethanol, Autoclave, Gamma Irradiation

### Application

- Obtaining a real single cell suspension after digestion of mammary tissue and organoids
- Preparation of a single cell suspension of blood cells from bone marrow, pancreas, thymus, lymph nodes and others
- Dissociation of cells from other primary tissue
- Preparation of real single cell suspension for flow cytometry (FACS™)

### Features

#### Fits into multiple tube sizes



## Additional Information

|                      |  |
|----------------------|--|
| Delivery Time (days) | 1-2  |
| Mesh Size            | 1 µm   |
| Variation            | Bag-packed   |
| Packaging            | 5 pcs. (5 pcs. / Bag) - The tube for flow cytometry is not included.   |
| Size                 | 5 pcs.   |
| Flow Control         | No   |
| Mesh Fixation        | Injected in housing for strong hold  |
| Fabric material      | PET (Polyethylenterephthalat)  |
| Housing Material     | PP (Polypropylene)   |
| Mesh Type            | woven  |
| Fits into            | 1.5 ml reaction tube 2.0 ml reaction tube FACS™ tube<br>Cryo vials 5 ml / 10 ml reaction tube with lid 5 ml / 10 ml reaction tube with screw cap 14- 15 ml conical centrifuge tube 24 well plate 48 well plate |
| Handling             | Gripping surface enables easy and aseptic handling.  |
| Sterility            | Sterile  |
| Comparable with      | Corning Cell Strainer EASYstrainer™ Cell Sieve<br>Falcon™ Cell Strainer Reversible™ Strainer MACS®<br>SmartStrainer MACS® Pre-Separation Filters   |
| Stability            | RLT® Buffer TRIzol® isopropanol organic solvents   |
| Centrifugable        | Yes  |
| Tissue Dissociation  | Yes  |
| Disinfectable        | Yes  |
| Shipping Condition   | Room temperature   |
| Storage Condition    | Room temperature   |
| Regulatory Statement | For research use only. Not for use in diagnostic procedures  |

## Legal information

Buffer RLT® is a trademark of Qiagen TRIzol® is a trademark of Molecular Research Center Inc. FACS™ is a trademark of BD Biosciences Corning is a registered trademark of Corning Inc.; EASYstrainer™ is a registered trademark of Greiner Bio One International GmbH Falcon™ Cell Strainers is a registered trademark of Corning Inc.; MACS® SmartStrainer is a registered trademark of Miltenyi Biotec GmbH

## Warning and Limitations

This product is for research and development only, not for diagnostic or therapeutic use.