

## pluriStrainer 300 µm



|                          | Order No.   | Size    | Sterility   | Packaging     | Packaging Unit |
|--------------------------|-------------|---------|-------------|---------------|----------------|
| <input type="checkbox"/> | 43-50300-00 | 1 pc.   | Non-sterile | Loose         | / Pack         |
| <input type="checkbox"/> | 43-50300-01 | 1 pc.   | Sterile     | Single-packed | / Pack         |
| <input type="checkbox"/> | 43-50300-03 | 25 pcs. | Sterile     | Single-packed | 25 pcs. / Pack |
| <input type="checkbox"/> | 43-50300-50 | 50 pcs. | Non-sterile | Loose         | 50 pcs. / Pack |

### Specification

|                   |                     |
|-------------------|---------------------|
| Mesh Size:        | 300 µm              |
| Strainer Color:   | neon orange         |
| LOT:              | stated on the label |
| Mesh Material:    | PET                 |
| Housing Material: | PE                  |

### Applications

- Obtaining a real single cell suspension after enzymatic digestion of mammary tissue and organoids
- Dissociation of cells from other primary tissue
- Preparation of a single cell suspension of blood cells from bone marrow, pancreas, thymus, lymph nodes and others
- Preparation of real single cell suspension for flow cytometry
- Faster and easier alternative to gauze filtration
- Filtering agglutinative proteins produced in inactivation serum
- Sieving of complex and viscous liquids (in combination with Connector Ring & Syringe for low pressure)

### Component Description

The pluriSelect cell strainer - pluriStrainer is a sterile sieving device to obtain real single cell suspensions or to remove cell aggregates. Its unique design features improved ventilation to avoid clogging - furthermore it can be combined with a Connector Ring (41-50000-03) to use low pressure which supports the filtration. pluriStrainer® are stackable to allow direct filtration with different mesh sizes. pluriStrainer® can be inverted to recover the sieved material. For large sample volumes it can be combined with a funnel. It fits into any 50 mL centrifuge (conical) tube and is available in mesh sizes from 1 - 1000 µm.

### Usage



#### Simple Sieving

Attach pluriStrainer® to a sterile 50 mL centrifuge tube. Then, add sample material onto the strainer and filter sample.



#### Reversed

To obtain the larger fraction, take off the pluriStrainer®, turn it upside down onto another 50 ml tube and flush back the sample from the pluriStrainer®.



#### Stacked

Stacking of pluriStrainer® with different mesh sizes allows for straining various cell sizes at the same time.

### Advanced Usage



#### With Funnel

You can add up to 24 mL sample material on top.



#### With Connector Ring

pluriStrainer® in combination with a Connector Ring allows to control the rate of flow by opening or closing the Luer-Lock.



#### With Connector Ring + Syringe

If you add a syringe to the Connector Ring, it is possible to force low pressure to support the straining of rough sample material while pulling the piston.

### Component Storage Condition

The product is stable until the expiry date stated on the label when stored unopened as indicated below. Avoid bacterial contamination.

| Product Type  | Storage Condition | Stability           | Important Notes |
|---------------|-------------------|---------------------|-----------------|
| pluriStrainer | room temperature  | stated on the label | -               |

### Warning and Limitations

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