pluriSelect®
FAST, EASY, GENTLE!
for cell straining
pluriStrainer®

pluriSelect Products in this flyer
pluriStrainer® 25x
pluriStrainer® Set 1
pluriStrainer® Set 2
43-500XX-03 (XX for mesh size)
43-50000-99
43-50000-98

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pluriStrainer®

pluriStrainer® is a sterile sieving device that fits onto any 50 ml centrifuge tube. Its special features are that it can be stacked and combined with a Connector Ring to control the rate of flow. When adding a syringe you can even force low pressure.

<table>
<thead>
<tr>
<th>Packaging</th>
<th>Individual, single packed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Housing material</td>
<td>LDPE (low-density polyethylene)</td>
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<tr>
<td>Mesh material</td>
<td>PET</td>
</tr>
</tbody>
</table>

Features

- Obtaining of real single cell suspension after enzymatic digestion of mammary tissue and organoids
- Dissociation of cells from other primary tissue
- Preparation of 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
- Short time incubation of cells/cytokine (in combination with pluriBead® and Connector Ring)
- Sieving of complex and viscous liquids (in combination with Connector Ring and syringe for low pressure)

Available mesh sizes & products

<table>
<thead>
<tr>
<th>Mesh sizes</th>
<th>Products</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 µm</td>
<td>pluriStrainer® 25x*&lt;br&gt;Includes: 25 pieces of pluriStrainer® of one mesh size.</td>
</tr>
<tr>
<td>10 µm</td>
<td>pluriStrainer® Set 1*&lt;br&gt;Includes: 6 x 6 µm 6 x 10 µm 6 x 15 µm 6 x 17 µm</td>
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<tr>
<td>15 µm</td>
<td>pluriStrainer® Set 2*&lt;br&gt;Includes: 6 x 10 µm 6 x 15 µm 6 x 17 µm</td>
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<tr>
<td>17 µm</td>
<td>pluriStrainer® 17 µm&lt;br&gt;Includes: 6 x 17 µm</td>
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<tr>
<td>20 µm</td>
<td>pluriStrainer® 20 µm&lt;br&gt;Includes: 6 x 20 µm 6 x 27 µm</td>
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<tr>
<td>27 µm</td>
<td>pluriStrainer® 27 µm&lt;br&gt;Includes: 6 x 27 µm</td>
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<tr>
<td>54 µm</td>
<td>pluriStrainer® 54 µm&lt;br&gt;Includes: 6 x 54 µm</td>
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<tr>
<td>80 µm</td>
<td>pluriStrainer® 80 µm&lt;br&gt;Includes: 6 x 80 µm</td>
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<tr>
<td>90 µm</td>
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</tbody>
</table>

Applications

pluriStrainer®

Plug the pluriStrainer® onto a 50 ml tube.

Add your sample material on top. A smaller fraction of your sample material will run through.

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 pluriStrainer®

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

pluriStrainer® & Connector Ring

In combination with our Connector Ring, it is possible to control the rate of flow.

Close the Luer-Lock and the sample will stay on top. This allows for working directly on the sieve, for example dissociating tissue or cell aggregates.

Open the Luer-Lock and your sample material will run through.

pluriStrainer®, 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.

Additional information

pluriStrainer® is also part of our pluriBead® cell separation technology.

Find more information and a pluriStrainer® video tutorial at: www.pluriselect.com