

## Quote Form

Amount	Product Name	Order Number
	pluriStrainer® 1µm	43-50001-03
	pluriStrainer® 5µm	43-50005-03
	pluriStrainer® 10µm	43-50010-03
	pluriStrainer® 15µm	43-50015-03
	pluriStrainer® 20µm	43-50020-03
	pluriStrainer® S / 30µm	43-50030-03
	pluriStrainer® 40µm	43-50040-03
	pluriStrainer® M / 60µm	43-50060-03
	pluriStrainer® 70µm	43-50070-03
	pluriStrainer® 85µm	43-50085-03
	pluriStrainer® 100µm	43-50100-03
	pluriStrainer® 200µm	43-50200-03
	pluriStrainer® 300µm	43-50300-03
	pluriStrainer® 400µm	43-50400-03
	pluriStrainer® 500µm	43-50500-03
	pluriStrainer® Set 1	43-50001-99
	pluriStrainer® Set 2	43-50000-98
	pluriStrainer® Set 3	43-50000-97
	Connector Ring	41-50000-03
	Funnel	42-50000-03

Name, Organization

Phone

Email

Shipping Country

You can order directly via Fax:

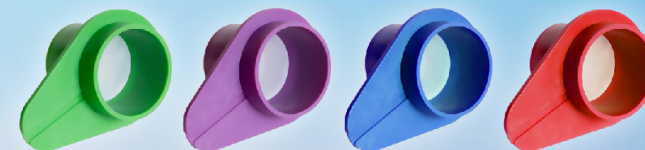
**+49 341 333 858 99**

All pluriStrainer® are also available in unsterile 50 Pack.

**ImTec**  
DIAGNOSTICS NV

**FAST, EASY, GENTLE!**

**pluriStrainer®**  
for cell straining



### pluriSelect products in this flyer

pluriStrainer®	43-50YYY-03 (YYY for mesh size)
pluriStrainer® Set 1	43-50001-99
pluriStrainer® Set 2	43-50000-98
Connector Ring	41-50000-03
Funnel	42-50000-03

### pluriSelect USA

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 **pluriSelect**

# pluriStrainer®

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. See further applications on the next page.

## Features

- ▶ Obtaining of real single cell suspension after enzymatic digestion of mammary tissue and organoids
- ▶ Physical dissociation of 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, e.g. fat tissue (in combination with Connector Ring and syringe for low pressure)

## Available Mesh Sizes & Products

### Mesh sizes

- ▶ 1 µm
- ▶ 5 µm
- ▶ 10 µm
- ▶ 15 µm
- ▶ 20 µm
- ▶ 30 µm
- ▶ 40 µm
- ▶ 60 µm
- ▶ 70 µm
- ▶ 85 µm
- ▶ 100 µm
- ▶ 200 µm
- ▶ 300 µm
- ▶ 400 µm
- ▶ 500 µm

### Product Variants

pluriStrainer®	pluriStrainer® Set 1
<i>Includes:</i> 25 devices pluriStrainer® of one mesh size.	<i>Includes:</i> 4 x (1, 5, 10, 15, 20 and 30 µm) & 8 Connector Rings
pluriStrainer® Set 2	pluriStrainer® Set 3
<i>Includes:</i> 4 x (40, 60, 70, 85, 100 and 200 µm)	<i>Includes:</i> 4 x (70, 100, 200, 300, 400 and 500 µm)

## 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.

### Stacked pluriStrainer®



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

### Reversed pluriStrainer®



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®.

### pluriStrainer® with Connector Ring



Allows to control the rate of flow by opening or closing the Luer-Lock, e.g. for physical dissociation of primary tissue (brain, spleen etc.).

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

### pluriStrainer® with Funnel



Plug a funnel (42-50000-03) on the pluriStrainer®.

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

## 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.

## Specifications

<b>Mesh Size</b>	1 - 500 µm
<b>Mesh Material</b>	PET
<b>Mesh Type</b>	Woven
<b>Packaging</b>	25 / Box, Individual Single Packed
<b>Housing Material</b>	LD-PE (Low Density Polyethylen)
<b>Fits into</b>	50 mL Conical Centrifuge Tube (standard)
<b>Sterility</b>	Gamma Ray Sterilized
<b>Autoclavable</b>	No
<b>Shipping Condition</b>	Room Temperature
<b>Storage Condition</b>	Room Temperature
<b>Regulatory Statement</b>	For research use only. Not for diagnostic purpose.

## Additional information

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

Find more information and a pluriStrainer® video tutorial at:  
[www.pluriselect.com](http://www.pluriselect.com)