

Quote Form

Amount	Product Name	Order Number
	pluriStrainer® 1µm	43-50001-03
	pluriStrainer® 6µm	43-50006-03
	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	43-50099-03
	pluriStrainer® Set 2	43-50098-03
	Connector Ring	41-50000-03
	Funnel	42-50000-03

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FAST, EASY, GENTLE!

pluriStrainer®
for cell straining



pluriSelect products in this flyer

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



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 ▶ 6 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

Products

pluriStrainer®	pluriStrainer® Set 1	pluriStrainer® Set 2
<i>Includes:</i> 25 devices pluriStrainer® of one mesh size.	<i>Includes:</i> 4 x (1, 6, 10, 15, 20 and 30 µm) & 8 Connector Rings	<i>Includes:</i> 4 x (40, 60, 70, 85, 100 and 200 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

Mesh Size	1 - 500 µm
Mesh Material	PET
Mesh Type	Woven
Packaging	25 / Box, Individual Single Packed
Housing Material	LD-PE (Low Density Polyethylen)
Fits into	50 mL Conical Centrifuge Tube (standard)
Sterility	Gamma Ray Sterilized
Autoclavable	No
Shipping Condition	Room Temperature
Storage Condition	Room Temperature
Regulatory Statement	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