pluriStrainer® Set 1 (细胞过滤器)

Order No.:43-50001-99

描述

The pluriStrainer® is a sieving device (or cell strainer) for a wide range of laboratory applications where the filtration and the purification of liquids is required. Its unique design features improved ventilation to avoid clogging for a smart sample preparation. pluriStrainer® are stackable to allow direct filtration with different mesh sizes and alsocan be inverted to recover the sieved material. For large sample volumes it can be combined with a funnel. It fits all major brand 50 mL centrifuge (conical) tubes. The combination of the pluriStrainer® and the Connector Ring allow using low pressure which supports the filtration. Furthermore it is possible to block the flow through the sieve and hold back the liquid on top of the mesh. The liquid on top of the mesh can be used for sample preparation and incubation such as tissue dissociation or the treatment of cells with cell lysis reagents (e.g. Buffer RLT, TRIzol®).
This set includes 4 x (5 µm, 10 µm, 15 µm, 20 µm and 30 µm) pluriStrainer and 4 Connector Rings.

应用

- Obtaining a real single cell suspension after digestion of mammary tissue and organoids
- Enrichment of specific cells using pluriBead technology
- Preparation of a single cell suspension of blood cells from bone marcol-sm-12, pancreas, thymus, lymph nodes and others
- Dissociation of cells from other primary tissue
- Preparation of real single cell suspension for flow cytometry(FACS™)
- Faster and easier alternative to gauze filtration
- Sieving of complex and viscous liquids (in combination with Connector Ring & Syringe for vacuum)
- Short time incubation of cells / cytokine (in combination with pluriBead and Connector Ring)

特点

pluriSelect Life Science
Deutscher Platz 5a, 04103 Leipzig, DE
Phone: +49 341 333 858 0 | Fax: +49 341 333 858 99
support@pluriselect.com
https://www.pluriselect.com/

Filter

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

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Reverse

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®.

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Increase sample load
With Funnel You can add up to 24 mL sample material on top.

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

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Flow control
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.).

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Low pressure
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

交付时间	1-2
网眼尺寸	Multiple
变化	20 pc, sterile, PET-Mesh
包装	Individual single packed
大小	20 pc + 4 Connector Rings
流量控制	Yes, in combination with Connecting Ring
Mesh Fixation	Injected in housing for strong hold

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布料	PET(聚乙二醇酯)
外壳材料	LD-PE (低密度聚乙烯)
Mesh Type	woven
处理	Extended lip on strainer enables aseptic handling
不育症	无菌型
相当于	Corning Cell Strainer, EASYstrainer™ Cell sieve, Falcon™ cell strainer, Reversible Strainer, MACS® SmartStrainer
稳定性	Buffer RLT®, TRIzol®, Isopropanol, organic solvent
离心	是
组织解离	是
可消毒	Yes, with 70% ethanol
感兴趣的领域	免疫学, 细胞生物学, 植物生物学, 微生物学, 肿瘤学, 生态学
运输条件	Room Termperature
储存条件	室温
规范性声明	For research use only. Not for use in diagnostic procedures,
法律信息	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 theurapeutic use.

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