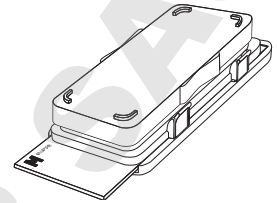




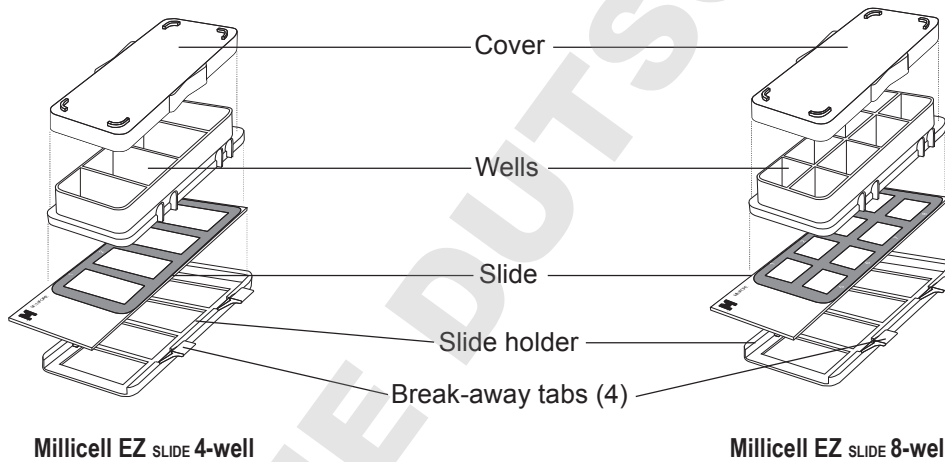
Millicell® EZ SLIDE

User Guide



Introduction

Millipore's Millicell EZ SLIDE allows the user to grow, fix, and stain cells directly on a microscope slide. There is no need to disassemble the unit or transfer cells from one device to another prior to analysis. The polypropylene wells are resistant to most fixatives used, so the cells can be grown on the slide and stained right in the well. Once stained, the microscope slide can be easily removed by pressing down the four side tabs of the unit and lifting the wells off of the slide. This easy slide removal reduces the risk of damaging the cells and no special tools are required to remove the wells from the slide. Raised corner ridges on the cover facilitate stacking of multiple units in the incubator, or they can be incubated in the tray supplied with the units.

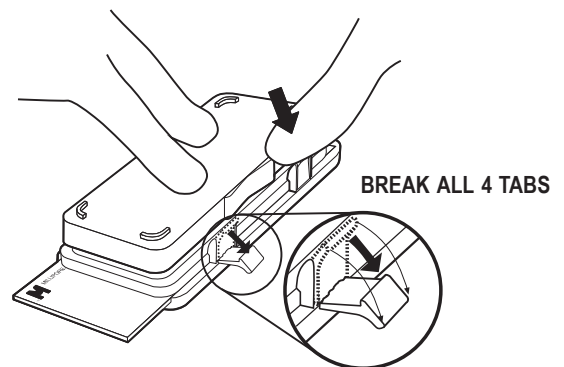


Millicell EZ SLIDE 4-well

Millicell EZ SLIDE 8-well

Procedure

1. Culture, fix, and stain the cells according to preferred protocol.
2. To access the microscope slide, hold the Millicell EZ SLIDE down on a flat surface and break the four tabs by pushing them down with the thumb. Remove the cover. Hold the slide down and lift the wells upward to remove. Remove slide from holder.



Specifications

Chamber Capacity	4-well Unit			8-well Unit		
	Millipore	Nunc®	BD™	Millipore	Nunc	BD
Growing area per well (cm ²)	1.7	1.7–1.8	1.7	0.7	0.7–0.8	0.7
Media volume range (mL)	0.5–1.7	0.5–1.0	0.7–1.5	0.2–0.7	0.2–0.5	0.7–0.8

Materials of Construction

Lid	Polystyrene
Wells	Polypropylene
Slide	Glass
Slide Holder	Polystyrene

Usage Guidelines

- For research use only
- Do not reuse Millicell EZ SLIDE
- Ethylene oxide sterilized and ready for use as received
- Non-cytotoxic and non-pyrogenic (endotoxin levels ≤ 20.0 endotoxin units per device when tested for bacterial endotoxins according to the USP)
- Holder available for various microscope stages

STEM CELL
TESTED

Millicell EZ SLIDE has been tested for use in stem cell research applications. The tests involved growing rat neural stem cells (NSC) on Millicell EZ SLIDE, then confirming multipotency by cell morphology and staining rat NSC for multipotent markers, Nestin and Sox-2. The stem cells retained their differentiation potential as demonstrated by preferentially differentiating rat NSC into astrocytes and staining the differentiated cells for GFAP (astrocyte marker).

Product Ordering Information

Description	Catalogue Numbers	
	4-well	8-well
Millicell EZ SLIDE, glass slide, 16 units/box (4 trays, 4 units/tray)	PEZGS0416	PEZGS0816
Millicell EZ SLIDE, glass slide, 96 units/case (6 boxes, 16 units/box)	PEZGS0496	PEZGS0896

Accessories	Catalogue Number
Millicell EZ SLIDE Microscope Holder (for 4- and 8-well units)	PEZXMSH01

Technical Assistance

For more information, contact the Millipore office nearest you. In the U.S., call **1-800-MILLIPORE** (1-800-645-5476). Outside the U.S., see your Millipore catalogue for the phone number of the office nearest you or go to our web site at www.millipore.com/offices for up-to-date worldwide contact information. You can also visit the tech service page on our web site at www.millipore.com/techservice. For the most up-to-date information on Millicell products, go to www.millipore.com and search for **Millicell**.

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