

Transwell® Large Format Inserts

Effectively grow large amounts of tissue or cells in a more natural environment

CORNING

Transwell large format insert and tray, exclusively available from Corning Life Sciences allows you to grow a large amount of tissue or cells in a more *in vivo*-like environment.

The large format Transwell insert is a sterile, ready-to-use permeable support device that features a 0.4 µm polycarbonate track-etched membrane. The larger format insert and tray retains all of the unique design elements of smaller format Transwell products, but with the added convenience of a larger cell growth area and two options for insert height levels.

Features

- ▶ 100 cm² cell growth area
- ▶ Unique hanging design with two-stage insert heights
- ▶ Tissue Culture-treated for optimal cell attachment
- ▶ Suitable for coating with a variety of extracellular matrices (ECMs).

Benefits

- ▶ Rectangular design is ideal for growing tissue in modular formats for maximum coverage.
- ▶ Two-tier receiver tray permits submerged or air-liquid interface (ALI) culture.



Transwell large format inserts feature a two-tier receiver tray, which permits submerged or air-liquid interface (ALI) culture.

Transwell 100 cm² large format insert can be used to:

- ▶ Produce a cell culture environment that closely resembles an *in vivo* state
- ▶ Grow a large amount of tissue or cells
- ▶ Allow polarized cells to carry out metabolic activities in a more natural manner via either apical and basolateral feeding or basolateral only with an apical air interface

As an industry leader for over 25 years, Transwell permeable supports are backed by extensive citations, protocols, and scientific support—all to help create a cell culture that more closely mimics an *in vivo* environment.

Ordering Information

Transwell® Large Format Inserts

Cat. No.	Description	Membrane	Tray Size (inches)	Growth Surface Area (cm ²)	Qty/Pk	Qty/Cs
7424	Transwell insert, Tissue Culture-treated, with tray, with lid	0.4 µm	6.927 x 4.803 x 1.462	100	5	20
7524	Transwell insert, rectangular reservoir, with lid	N/A	6.927 x 4.803 x 1.462	N/A	5	20

Product Specifications

- ▶ Transwell insert: Membrane 0.4 µm track-etched polycarbonate
- ▶ Body: Virgin polystyrene
- ▶ Tray/Lid: Virgin polyethylene terephthalate
- ▶ Sterility Assurance Level (SAL) of 10⁻⁶
- ▶ Tissue Culture-treated insert
- ▶ Manufactured in compliance with cGMP standards
- ▶ USP Class VI plasticware
- ▶ Validation package available upon request

Product Dimensions

- ▶ Length of tray: 6.927 inches; bottom of Transwell insert to tray (in high position): 0.549 inches
- ▶ Width of tray: 4.803 inches; bottom of Transwell insert to tray (in low position): 0.124 inches
- ▶ Height with lid: 1.462 inches
- ▶ Volume added/tray (in high position): 197.7 mL; volume added/tray (in low position): 42.2 mL
- ▶ Tolerances of dimensions: ±.050

For a complete list of Corning solutions for cell culture, visit www.corning.com/lifesciences.

For more specific information on claims, visit the Certificates page at www.corning.com/lifesciences.

Warranty/Disclaimer: Unless otherwise specified, all products are for research use only. Not intended for use in diagnostic or therapeutic procedures. Not for use in humans. Corning Life Sciences makes no claims regarding the performance of these products for clinical or diagnostic applications.

For additional product or technical information, visit www.corning.com/lifesciences or call 800.492.1110. Outside the United States, call +1.978.442.2200 or contact your local Corning sales office.

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