

6.5 mm CELLTREAT® 0.4 µm Polyethylene Membrane Inserts



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Polystyrene plate with lid and polyethylene membrane inserts

Catalog # 100-0997

24 Inserts

Product Description

CELLTREAT® 0.4 µm Polyethylene Membrane Inserts support the growth of both anchorage-dependent and anchorage-independent cells, including those that are fed at the basolateral surface or in co-culture systems. These permeable inserts have a pore density of 2×10^6 pores/cm² and are recommended for culturing airway epithelial cells at the air-liquid interface; they can be used in studies related to infectious and genetic disease modeling, drug discovery, toxicity testing, and epithelial cell biology. This product has been verified for use with PneumaCult™-Ex Plus Medium (Catalog #05040), PneumaCult™-ALI Medium (Catalog #05001), and IntestiCult™ Organoid Differentiation Medium (Human; Catalog #100-0214).

Catalog #100-0997, 2 x 24-well plates, each with 12 inserts (alternative to Costar® 6.5 mm Transwell®, 0.4 µm Pore Polyester Membrane Inserts [Catalog #38024])

APPLICATIONS

- Air-liquid interface (ALI) culture
- Anchorage-dependent and anchorage-independent cell culture
- Basolateral feed cell culture
- Co-culture system

Properties

Storage: Store at 15 - 25°C.

Shelf Life: Stable until expiry date (EXP) on label. Avoid direct exposure to sunlight and high atmospheric humidity as these conditions may directly impact the product's packaging over time.

Features

MATERIALS

- Plate and lid: polystyrene, meets USP, Class VI requirements
- Membrane: transparent polyethylene, meets USP, Class VI requirements
- RNase/DNase-free and non-pyrogenic
- All material resins are qualified using USP and/or ISO 10993 standards for cytotoxicity and have been shown to be non-toxic

DIMENSIONS

- Plate: conforms to standard plate footprint and dimensions
- Insert: conforms to standard well dimensions of a 24-well plate

STERILITY

- Gamma irradiation

Directions for Use

Use as directed in protocol of choice.

Notes and Tips

For chemical resistance or thermoplastic property information, contact us at techsupport@stemcell.com.

Related Products

For a complete list of related products available from STEMCELL Technologies, visit www.stemcell.com or contact us at techsupport@stemcell.com.

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