

**Corning Incorporated  
Life Sciences**

Registered  
ISO 9001:2008

## Product Description

**Catalog Number:** 3381

**Product Description:** Corning® HTS Transwell® 96 Well, TC Treated, 0.4 µm pore size, with barcode label, in a reservoir plate with lid, with separate receiver plate

**Component Materials:**

- Receiver & Reservoir plate - Virgin Polystyrene, meets *USP, Class VI* requirements for plastic containers and closures.
- Lid - Virgin Polystyrene, meets *USP, Class VI* requirements for plastic containers and closures.
- Transwell body - Virgin Polystyrene, meets *USP, Class VI* requirements for plastic containers and closures.
- Filter - Translucent polycarbonate membrane, meets *USP, Class VI* requirements for plastic containers and closures.
- Adhesive - Proprietary Acrylate, meets *ISO 10993* Biocompatibility requirements.
- Liquid Media - Virgin Polystyrene, meets *USP, Class VI* requirements for plastic containers and closures.
- Stabilizer - Virgin Polystyrene, meets *USP, Class VI* requirements for plastic containers and closures.
- Barcode Label: - White polypropylene base, acrylic adhesive

**Special Format:**

Barcode label (format 128) on A1 short side

**Product Dimensions:**

- |                             |                  |  |                 |
|-----------------------------|------------------|--|-----------------|
| Length of Plate             | - 5.030 in.      | Bottom of Transwell to receiver plate            | - .050 in.      |
| Width of Plate              | - 3.365 in.      | Apical volume added/ Transwell per well          | - 75µL          |
| Height in receiver with lid | - .770 in.       | Volume added per reservoir plate                 | - 30mL          |
| Height in a reservoir w/lid | - .770 in.       | Bisolateral volume added per receiver plate well | - 235µL         |
| Tolerances of Dimensions    | - +/- .010 in.   | Suggested working volume                         | - 75µL to 235µL |
| Maximum volume              | - 100µL to 290µL |  |                 |

**Sterilization:**

The lot has been irradiated and dosimetrically released based on ANSI/AAMI/ISO 11137 *Sterilization of healthcare products-Requirements for validation and routine control-Radiation sterilization*.  
Sterility Assurance Level: SAL 10<sup>-3</sup>

**Cell Attachment and Growth Characteristics:**

This product has been tested for the attribute of Cell Attachment and Growth utilizing an attachment- dependent mammalian cell line in a serum supplemented media.

**Performance Testing:**

Each manufacturing lot is sampled and tested in accordance with Standard Operating Procedures.

- Visual Attributes: Visual examination of the product.
- Packaging: Inspection for seal and barrier integrity, accurate labeling, and correct product configuration.
- Cell Culture Treatment of Membrane: Wettability test using water to insure the presence of a hydrophilic surface.

**Lot Number Designation:**

8 Digit Lot Number: First 3 digits - Julian date, start of manufacturing; Next 2 digits - Year of manufacture; Last 3 digits - Batch identification.

Rev No: 1