

**Corning Incorporated
Life Sciences**

Registered
ISO 9001:2008

Product Description

Catalog Number: 3493

Product Description: Costar® Transwell-COL®, 12mm, 0.4 µm pore size

Component Materials:

- Plate/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 - Transparent collagen-treated PTFE membrane.
- Collagen - Types I and III bovine placentae

Product Dimensions:

Length of Plate	-	5.035 in.	Bottom of Transwell to plate	-	.040 in.
Width of Plate	-	3.370 in.	Volume added / plate	-	1.5 mL
Height with Lid	-	.890 in.	Volume added / Transwell	-	0.5 mL
Tolerances of Dimensions	-	+/- .050 in.			

Sterilization:

The Transwells are sterilized according to ANSI/AAMI/ISO 11135 *Medical Devices - Validation and routine control of ethylene oxide sterilization* and released after successful sterility testing of Biological Indicators.

Sterility Assurance Level: SAL 10⁻⁶ The plates are 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 10⁻³

Cell Attachment and Growth Characteristics:

The lot 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 and microscopic examination of the product.

Packaging:

Inspection for seal and barrier integrity, accurate labeling, and correct product configuration.

Collagen Assay:

Colorimetric determination of collagen attachment to the membrane.

Cell Attachment/Growth:

Four to five day cell attachment and growth to ≥ 95% confluency.

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: 5