

Product Description

Catalog Number: 3875

Product Description: Costar® 96-well cell culture cluster, solid black, half area plate, with low evaporation lid

Component Materials:

- Plate - Virgin Polystyrene, meets *USP, Class VI* requirements for plastic containers and closures. Black Concentrate
- Lid - Virgin Polystyrene, meets *USP, Class VI* requirements for plastic containers and closures.

Product Dimensions:

- | | | | | | |
|--------------------------|---|--------------|---------------------------|---|--------------|
| Length of Plate | - | 5.030 in. | Diameter of Well @ top | - | .197 in. |
| Width of Plate | - | 3.365 in. | Diameter of Well @ bottom | - | .177 in. |
| Depth of Well | - | .415 in. | Height with Lid | - | .650 in. |
| Tolerances of Dimensions | - | +/- .010 in. | Working Volume per well | - | .05 - 0.1 mL |

Sterilization:

This 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 10⁻³

Pyrogens:

The product has been tested and has met the criteria established in the current version of ANSI/AAMI ST 72:2002/(R)2010 *Bacterial Endotoxins - Test methodologies, routine monitoring, and alternative to batch testing*. Results: < 0.1 EU/mL (< 4EU/device)

Surface Characterization:

Surface is characterized to be hydrophilic and negatively charged, composed of 9-17% oxygen atoms. This surface composition has been optimized for cell attachment and growth.

Optical Characteristics:

This product is made of opaque black polystyrene walls to minimize well - well crosstalk & background fluorescence and/or luminescence.

Cell Attachment and Growth Characteristics:

The 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.

Cell Culture Treatment: Wettability test using water to insure the presence of a hydrophilic surface.

Visual Attributes: Visual and examination of the product.

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

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.