

Catalog Number: 3603

Product Description: Costar® 96-well tissue culture treated black plate with clear flat bottom, with low evaporation lid

Component Materials:

Plate walls - Virgin Polystyrene, meets *USP, Class VI* requirements for plastic containers and closures. Black concentrate.
Plate bottom - 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.

Product Dimensions:

| | | | | | |
|--------------------------|---|--------------|---------------------------|---|----------|
| Length of Plate | - | 5.030 in. | Diameter of Well@ Top | - | .270 in. |
| Width of Plate | - | 3.365 in. | Diameter of well @ bottom | - | .250 in. |
| Depth of Well | - | .420 in. | Height with lid | - | .650 in. |
| Tolerances of Dimensions | - | +/- .010 in. | Volume per well | - | .36 mL |

Sterility - Product has been sterilized and dosimetrically released per the requirements of ANSI/AAMI/ISO 11137, "Sterilization of health care products- Radiation". Products meet a minimum Sterility Assurance Level (SAL) of 10⁻³.

Non-Pyrogenic - Tested and met the criteria established in the current version of ANSI/AAMI ST 72, "Bacterial Endotoxins - Test methodologies, routine monitoring, and alternatives to batch testing". The acceptance level for product is ≤ 0.10 EU/ml or ≤ 4 EU/device.

Tissue Culture - Tested for the attribute of cell attachment and growth utilizing an attachment-dependent mammalian cell line. A minimum of 95% confluency is required for acceptance.

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

Optical Characteristics - Product is made of opaque black polystyrene walls to minimize well-to-well crosstalk and background fluorescence and / or luminescence. The bottom is made of clear polystyrene to permit direct microscopic viewing.

Quality Control Testing - Representative production samples are collected and inspected in accordance with current applicable product specifications. Inspection records are reviewed and approved by qualified personnel for product release. Key inspections and inline tests are listed below:

Visual Inspection - Pass
Packaging Inspection - Pass
Cell Attachment and Growth Treatment Verification - Pass

- This product met Corning Incorporated – Life Sciences' high standards of quality at the time of batch/lot release.

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.