

Product Description

Catalog Number: 3882

Product Description: Corning ® 96-well, tissue culture treated, half area black plate with clear flat bottom, with lid

Component Materials:

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| Plate walls | - Virgin Polystyrene, meets <i>USP, Class VI</i> requirements for plastic containers and closures. Black concentrate |
| Plate bottom | - Virgin Polystyrene, meets <i>USP, Class VI</i> requirements for plastic containers and closures. |
| Lid | - Virgin Polystyrene, meets <i>USP, Class VI</i> 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	- .452 in.	Height with Lid	- .650 in.
Tolerances of Dimensions	- +/- .010 in.	Volume per Well	- 200µl

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.

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.

Optical Characteristics:

The 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.

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.

Cell Culture Treatment: 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.