

**Corning Incorporated
Life Sciences**

Registered
ISO 9001:2008

Product Description

Catalog Number: 4580

Product Description: Corning® 96-well, half area black plate with optical 0.2mm glass bottom, with lid

Component Materials:

- Plate walls - Cyclic Olefin Co-polymer with Black concentrate
- Plate bottom - Alkali - Free Glass
- Lid - Virgin Polystyrene, meets *USP, Class VI* requirements for plastic containers and closures.
- Gasket - Polyester film

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

Optical Characteristics:

The product is made of opaque black cyclic olefin walls to minimize well to well crosstalk and background fluorescence and /or luminescence. The bottom is made of optical glass to permit direct microscopic viewing and imaging.

Performance Testing:

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

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|--------------------|---|
| Visual Attributes: | Visual and microscopic examination of the product. |
| Packaging: | Inspection for seal and barrier integrity, accurate labeling and correct product configuration. |
| Flatness: | Measurement for interwell flatness. |

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