

Catalog Number: 4677

Product Description: Corning®, 1536 Poly-D-Lysine, black plate with clear flat bottom, high web, without lid, with barcode labels

Component Materials:

- Plate walls - Cyclic Olefin Co-Polymer, meets USP, Class VI requirements for plastic containers and closures. Black cyclic olefin co-polymer concentrate.
- Plate bottom - Cyclic Olefin Co-Polymer, meets USP, Class VI requirements for plastic containers and closures.
- Barcode Label - White polypropylene base, acrylic adhesive.
- Poly-D-Lysine - Synthetic or manufacture materials.

Special Feature:

Barcode label (format 128) on A1 short side, H12 short side both centered.

Product Dimensions:

Length of Plate	- 5.030 in.	Width of Square Well @ Top	- .070 in.
Tolerances of		Width of Plate	- 3.365 in.
Dimensions for length	- + .010 in. / -.015 in	Depth of Well	- .244 in.
Diameter Well @ Bottom	- .059 in.	Tolerance of Dimensions	- +/- 0.10 in.
Height without Lid	- .315 in.	Recommended working	
Maximum well volume	- 15µL	volume per well	- 10µL

Bioburden – Tested for bioburden contamination. Contamination of $\leq 0.52\%$ of wells is required for acceptance.

Optical Characteristics – The product is made of opaque black cyclic olefin co-polymer walls to minimize well to well crosstalk and background fluorescence and / or luminescence. The bottom is made of clear cyclic olefin co-polymer to permit direct microscopic viewing.

Poly-D-Lysine – The plates are coated with a 70-150 KD PDL polymer via a proprietary method, which creates a uniform net positive charge on the plastic surface. Manufacture wholly from synthetic or manufactured materials and does not contain any raw materials produced from or substances derived of animal origin.

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 ≤ 0.5 EU/ml or ≤ 20 EU/device.

Tissue Culture – Tested for the attribute of cell attachment & growth utilizing an attachment-dependent mammalian cell line. A minimum of 2 times the growth as compared to a non-coated control plate is required for acceptance.

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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 & Growth Treatment Verification – Pass

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 1