

Catalog Number: 4675

Product Description: Corning®, 1536 well, non-treated, black plate with clear flat bottom, low base, 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.

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

Surface Characterization – Surface is characterized to be medium binding.

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 allow visual clarity for optical density or bottom read fluorescent / luminescent measurements.

Binding Characteristics – Tested for the attribute of well to well protein binding utilizing a fluorescent immunoassay. Binding precision of $\leq 15\%$ CV is required for acceptance.

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

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.