

**Corning Incorporated
Life Sciences**

**Registered
ISO 9001:2008**

Product Description

Catalog Number: 4565

Product Description: Corning® 1536-well, non-treated, solid black plate, flat bottom, with barcode labels

Component Materials:

- Plate - Cyclic Olefin Co-Polymer, meets *USP, Class VI* requirements for plastic containers and closures. Black cyclic olefin co-polymer concentrate
- Barcode Label - White polypropylene base, acrylic adhesive

Special Feature:

Barcode Label (format 128) on A1 long side and H12 long side

Product Dimensions:

Length of Plate	-	5.030 in.	Width of Square Well @ Top	-	.067 in.
Tolerances of Dimensions for Length	-	+ .010 in. / - .015 in.	Width of Plate	-	3.365 in.
Width of Square Well @ Bottom	-	.060 in.	Depth of Well	-	.195 in.
Height without Lid	-	.409 in.	Tolerances of Dimensions	-	+/- .010 in.
Working Volume	-	8µL	Maximum well volume	-	13µL

Surface Characterization:

Surface is non-treated and hydrophobic.

Optical Characteristics:

The product is made of opaque black cyclic olefin co-polymer to minimize well to well crosstalk and background fluorescence.

Binding Characteristics:

The product has been tested for the attribute of uniform well to well protein binding utilizing a fluorescent assay.

Performance Testing:

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

Visual Attributes:

Visual examination of the product.

Packaging:

Inspection for seal and barrier integrity, accurate labeling, and correct product configuration.

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