

**Corning Incorporated
Life Sciences**

Registered
ISO 9001:2008

Product Description

Catalog Number: 3891BC

Product Description: Corning® 1536-well, 10µL, non-treated, black plate with clear flat bottom, without lid, with barcode labels

Component Materials:

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.
Barcode Label	-	White polypropylene base, acrylic adhesive

Special Feature:

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

Product Dimensions:

Length of Plate	-	5.030 in.	Width of Square Well @ Top	-	.070 in.
Width of Plate	-	3.365 in.	Diameter of Well @ bottom	-	.064 in.
Depth of Well	-	.189 in.	Height without Lid	-	.409 in.
Tolerances of Dimensions	-	+/- .010 in.	Maximum well volume	-	12.64 µL
Recommended working volume per well	-	11.2µL with head space of .020"			

Surface Characterization:

Surface is characterized to be medium binding.

Binding Characteristics:

The product has been tested for the attribute of well to well protein binding utilizing a fluorescent immunoassay to measure precision. Coefficient of variation must be $\leq 15\%$.

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

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 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