

**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 USP Class VI requirements for plastic containers and closures. Black concentrate
- Plate bottom - Virgin polystyrene, 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 & 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 well @ bottom	- .064 in.
Depth of Well	- .189 in.	Height without Lid	- .409 in.
Tolerances of Dimensions	- +/- .010 in.	Recommended working volume per well	- 11.2 µL with head space of .020"
Maximum well volume	- 12.64 µl		

**Surface Characterization** – Surface is characterized to be medium binding.

**Binding Characteristic** – Tested for the attribute of well to well protein binding utilizing a fluorescent immunoassay. Binding precision of ≤ 15% CV is required for acceptance.

**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.

**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 Attributes	Pass
Packaging	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.