

**Catalog Number:** 3821

**Product Description:** Corning® 384-well, low volume, non-treated, black plate with flat bottom, without lid

**Component Materials:**

Plate - Virgin Polypropylene, meets *USP Class VI requirements for plastic containers and closures*. Black concentrate

**Product Dimensions:**

Length of Plate	- 5.030 in.	Diameter of Well @ top	- .130 in.
Width of Plate	- 3.365 in.	Diameter of Well @ bottom	- .079 in.
Depth of Well	- .370 in.	Height without Lid	- .480 in.
Tolerances of Dimensions	- +/-0.10 in.	Total well volume	- 50 µl

**Surface Characterization:**

Surface is characterized to be medium binding.

**Binding Characterization:**

Tested for the attribute of well to well protein binding utilizing a Fluorescent immunoassay. Binding precision of less than or equal to 15% cv is required for acceptance.

**Optical Characteristics:**

The product is made of opaque black polystyrene to minimize well to well crosstalk and background fluorescence and / or luminescence.

**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. 3