

**Catalog Number:** 3601

**Product Description:** Costar ® 96-well plate, high binding, black with clear flat bottom, without lid

**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.

**Product Dimensions:**

Length of Plate	-	5.030 in.	Diameter of Well@ Top	-	.270 in.
Width of Plate	-	3.365 in.	Diameter of well @ bottom	-	.250 in.
Depth of Well	-	.420 in.	Height without lid	-	.560 in.
Tolerances of Dimensions	-	+/- .010 in.	Volume per well	-	.36 mL

**Surface Characterization** - Surface is characterized to be high binding

**Binding Characteristics** - Tested for the attribute of well to well protein binding utilizing a fluorescent immunoassay. Binding precision of  $\leq 8\%$  CV is required for acceptance.

**Optical Characteristics** - 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 Inspection	-	Pass
Packaging Inspection	-	Pass

- This product met Corning Incorporated – Life Sciences’ high standards of quality at the time of batch/lot release.

**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.