

**Corning Incorporated
Life Sciences**

**Registered
ISO 9001:2008**

Product Description

Catalog Number: 3693

Product Description: Costar® 96-well, half area plate, white opaque, flat bottom, non-treated, without lid

Component Materials:

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

Product Dimensions:

Length of Plate	-	5.030 in.	Diameter of Well @ top	-	.197 in.
Width of Plate	-	3.365 in.	Diameter of Well @ bottom	-	.177 in.
Depth of Well	-	.415 in.	Height without Lid	-	0.580 in.
Tolerances of Dimensions	-	+/- .010 in.	Volume per Well	-	.19 mL
Overall Flatness	-	0.0299 in.			

Surface Characterization:

Surface is characterized to be medium binding.

Binding Characteristics:

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

Optical Characteristics:

The product is made of opaque white polystyrene walls 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.

Functional:

Luminescent immunoassay

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: 2