Corning Incorporated
Life Sciences

Registered
ISO 9001:2008

Product Description

Catalog Number: 3361

Product Description: Costar ® 96-well, high binding assay plate, flat bottom, with low evaporation lid, sterile

Component Materials:

Plate/Lid - 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 with Lid	-	.650 in.
Tolerances of Dimensions	-	+/-.010 in.	Working Volume per well	-	.36 mL

Sterilization:

This lot has been irradiated and dosimetrically released based on ANSI/AAMI/ISO 11137 *Sterilization of healthcare products-Requirements for validation and routine control-Radiation sterilization.*
Sterility Assurance Level: SAL 10^{-3}

Surface Characteristics:

Surface is characterized to be high binding. Binding capacity is approximately 500 ng IgG/cm^2.

Binding Characteristics:

Each lot has been tested for the attribute of well to well protein binding utilizing a modified ELISA to measure precision and percent low and high wells from the mean. Coefficient of variation must be $\leq$ 3% and high and low wells $\leq$ 8% from the mean. Product has a Costar Certified Surface Chemistry.

Bovine Spongiform Encephalopathy and Transmissible Spongiform Encephalopathy:

This product is manufactured with animal free materials.

Optical Characteristics:

The product is made of clear polystyrene to allow background absorbance to be $\pm$ .005 optical density units from the mean.

Performance Testing:

Each manufacturing lot is sampled and tested in accordance with Standard Operating Procedures.
Visual Attributes: Visual and microscopic examination of the product.
Packaging: Inspection for seal and barrier integrity, accurate labeling and correct product configuration.
Functional: Tested for protein binding precision.

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: 6