Corning Incorporated Life Sciences

Registered
ISO 9001:2008

Product Description

Catalog Number: 4560

Product Description: Corning ® 1536-well, non-treated, black plate with clear flat bottom, low base, high web, without lid, with barcode labels

Component Materials:

Plate walls	-	Cyclic Olefin Co-Polymer, meets *USP, Class VI* requirements for plastic containers and closures. Black cyclic olefin co-polymer concentrate
Plate bottom	-	Cyclic Olefin Co-Polymer, meets *USP, Class VI* requirements for plastic containers and closures.
Barcode Label:	-	White polypropolyene base, acrylic adhesive.

Special Feature:
Barcode label (format 128) on A1 long side and H12 long side.

Product Dimensions:

Length of Plate	-	5.030 in.	Width of Square Well @ Top	-	.070 in.
Tolerances of Dimensions for Length	-	+ .010 in. / - .015 in.	Width of Plate	-	3.365 in.
Diameter of Well @ bottom	-	.059 in.	Depth of Well	-	.244 in.
Height without Lid	-	.315 in.	Tolerances of Dimensions	-	+/- .010 in.
Maximum well volume	-	15µl	Recommended working volume per well	-	10µL

Surface Characterization:
Surface is characterized to be medium binding.

Binding Characteristics:
The product has been tested for the attribute of well to well protein binding utilizing a fluorescent immunoassay to measure precision.

Optical Characteristics:
The product is made of opaque black cyclic olefin co-polymer walls to minimize well to well crosstalk and background fluorescence and /or luminescence. The bottom is made of clear cyclic olefin co-polymer to allow visual clarity for optical density or bottom read fluorescent / luminescent measurements.

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: 1