

**Corning Incorporated
Life Sciences**

**Registered
ISO 9001:2008**

Product Description

Catalog Number: 3728

Product Description: Corning® 1536-well, non-binding, solid black plate, flat bottom, without lid

Component Materials:
Plate - Virgin Polystyrene, meets *USP, Class VI* requirements for plastic containers and closures. Black concentrate

Product Dimensions:

Length of Plate	-	5.030 in.	Width of Square Well @ Top	-	.067 in.
Width of Plate	-	3.365 in.	Width of Square Well @ Bottom	-	.0035 in. / .022 cm ²
Depth of Well	-	.195 in.	Plate Height	-	.410 in.
Tolerances of Dimensions	-	+/- .010 in.	Total well volume	-	12.2 µl
Recommended working volume per well is	-	up to 10 µl			

Surface Characterization:
Surface is characterized to be non-binding.

Binding Characteristics:
Each lot has been tested for low well to well protein binding utilizing a standard protein binding technique.

Optical Characteristics:
The product is made of opaque black 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: Standard protein binding technique.

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