

**Corning Incorporated  
Life Sciences**

Registered  
ISO 9001:2008

## Product Description

**Catalog Number:** 3883

**Product Description:** Corning® 96-well half area, non-treated, white plate with clear flat bottom, without lid

**Component Materials:**

- Plate walls - Virgin Polystyrene, meets *USP, Class VI* requirements for plastic containers and closures. White 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    | - | .197 in. |
| Width of Plate           | - | 3.365 in.    | Diameter of Well @ bottom | - | .177 in. |
| Depth of Well            | - | .452 in.     | Height without Lid        | - | .560 in. |
| Tolerances of Dimensions | - | +/- .010 in. | Volume per Well           | - | 200 µl   |

**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  $\leq 8\%$ .

**Optical Characteristics:**

The product is made of opaque white 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.

**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 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: 1