

**Corning Incorporated
Life Sciences**

**Registered
ISO 9001:2008**

Product Description

Catalog Number: 2593

Product Description: Costar® 1 x 8 Stripwell™, medium binding EIA/RIA plate, flat bottom, without lid

Component Materials:

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

Holder - Polystyrene, Heavy metal free (meets *CONEG* req.) color concentrate.

Product Dimensions:

Length of Plate	- 5.025 in.	Diameter of Well @ top	- .270 in.
Width of Plate	- 3.370 in.	Diameter of Well @ bottom	- .250 in.
Depth of Well	- .420 in.	Height	- .560 in.
Tolerances of Dimensions	- +/- .010 in.	Working Volume per well	- .36 mL

Surface Characterization:

Surface is characterized to be medium binding for EIA/RIA tests. Binding capacity is approximately 250 ng IgG/cm².

Optical Characteristics:

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

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 5% and high and low wells \leq 15% from the mean. Product has a Costar Certified Surface Chemistry.

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: 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: 4