

## Product Description

**Catalog Number:** 2592

**Product Description:** Costar® 1 x 8 Stripwell™ high 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	-	0.270 in.
Width of Plate	-	3.370 in.	Diameter of Well @ Bottom	-	0.250 in.
Depth of Well	-	0.420 in.	Height	-	0.560 in.
Tolerances of Dimensions	-	+/- 0.010 in.	Working Volume per well	-	0.36mL

**Regulatory Compliance** - Product manufactured in a facility that is registered to the current version of ISO 9001 or ISO 13485.

**Surface Characterization:** - Surface is characterized to be high binding for EIA/RIA tests. Binding capacity is approximately 500 ng IgG/cm<sup>2</sup>. This lot has been gamma irradiated at a specific dose range that has been validated to render the surface high binding for proteins

**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:** - Tested for the attribute of well to well protein binding utilizing a modified ELISA. Binding precision of  $\leq$  3% CV and high and low wells  $\leq$  8% from the mean is required for acceptance.

**Animal Content** - Product does not contain materials of animal origin.

**Quality Control Testing:** - Representative production samples are collected and inspected in accordance with current applicable product specifications. Inspection records are reviewed and approved by qualified personnel for product release. Key inspections and inline tests are listed below:

Visual Inspection - Pass

Packaging Inspection – Pass

**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.

Or

7 Digit Lot Number: First digit – Last number of year of manufacture, Next 3 digits – Julian date, start of manufacturing, Last 3 digits – Batch identification