

Catalog Number: 2525

Product Description: Costar® 96 well DNA-BIND®, flat bottom, without lid

Component Materials:

- Plate - Virgin Polystyrene, meets *USP Class VI requirements for plastic containers and closures.*
- Surface - N-Oxysuccinimide

Product Dimensions:

Length of Plate	-	5.030 in.	Width of Well @ Top	-	.270 in.
Width of Plate	-	3.365 in.	Width of Well @ Bottom	-	.250 in.
Depth of Well	-	.420 in.	Height	-	.560 in.
Tolerances of Dimensions	-	+/- .010 in.	Working Volume per well	-	.36mL

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

Surface Characterization - Surface is comprised of 1×10^{14} N-oxysuccinimide reactive sites per cm^2 .

Optical Characterization - 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 covalent binding of peroxidase via an amine linkage. Binding precision of $\leq 10\%$ CV is required for acceptance.

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.

Rev 7