

**Corning Incorporated  
Life Sciences**

**Registered  
ISO 9001:2008**

## Product Description

**Catalog Number:** 6573

**Product Description:** Costar ® 96-well DNA Bind Thermowell™ plate, Model M

**Component Materials:**

Plate - Polycarbonate  
Surface - N-Oxysuccinimide

**Product Dimensions:**

Length of Plate	-	5.039 in.	Diameter of Well @ top	-	.245 in.
Width of Plate	-	3.386 in.	Depth of Well	-	.500 in.
Tolerances of Dimensions	-	+/- .050 in.	Total Volume per well	-	200 µL

**Functional Characteristics:**

The product is thermally stable up to 135° C.

**Surface Characterization:**

Surface is comprised of  $1 \times 10^{14}$  N-oxysuccinimide reactive sites per  $\text{cm}^2$ .

**Binding Characteristics:**

Each lot has been tested for the attribute of well-to-well covalent binding of peroxidase via an amine linkage.

**Compatible Thermal Cyclers:**

MJ Research PTC-100-96V, PTC-200 DNA Engine™, Biometra Uno, Coy Corporation Temp Cycler II, Corbett Research FTS-960, Hybaid OmniGene with Microblock, Lab-Line Programmable Thermal Block, Quatro BioSystems, Stratagene Robocycler® Gradient 96.

**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:	Tested for covalent binding via an amine linkage.

**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: 3