

**Catalog Number:** 4690

**Product Description:** Corning® 384-well, black with clear bottom plate, low flange, collagen coated, with lid

**Component Materials:**

Plate walls	-	Medium Impact Polystyrene, meets <i>USP, Class VI</i> requirements for plastic containers and closures. Black concentrate.
Plate bottom	-	Virgin Polystyrene, meets <i>USP, Class VI</i> requirements for plastic containers and closures.
Lid	-	Virgin Polystyrene, meets <i>USP, Class VI</i> requirements for plastic containers and closures.
Collagen I	-	Rat-tail tendon

**Product Dimensions:**

Length of Plate	-	5.030 in.	Width of Square Well @ Top	-	.143 in.
Width of Plate	-	3.365 in.	Width of Square Well @ Bottom	-	.111 in.
Depth of Well	-	.455 in.	Height with lid	-	.660 in.
Tolerances of Dimension	-	+/- .010 in.	Working volume per well	-	20 µL to 75 µL

**Non-Pyrogenic** - Tested and met the criteria established in the current version of ANSI/AAMI ST 72, "Bacterial Endotoxins – Test methodologies, routine monitoring, and alternatives to batch testing". The acceptance level for product is ≤ 0.5 EU/mL or ≤ 20 EU/device.

**Tissue Culture** - Tested for the attribute of cell attachment and growth utilizing an attachment-dependent mammalian cell line. A minimum of 2 times the growth as compared to a non-coated control plate is required for acceptance.

**Bioburden** - Tested for Bioburden contamination. Contamination of < .52% of the wells is required for acceptance.

**Optical Characteristics** - Product is made of opaque black polystyrene walls to minimize well to well crosstalk and background fluorescence and / or luminescence. The bottom is made of clear polystyrene to permit direct microscopic viewing.

**Collagen I** - Product is coated with a 300 KD collagen type I via a proprietary method, which creates a uniform, dense collagen network on the plastic surface. The collagen is derived from rat-tail tendons and is of U.S. 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
Cell Attachment & Growth Treatment Verification	-	Pass

- This product met Corning Incorporated – Life Sciences' high standards of quality at the time of batch/lot release.

**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