

Catalog Number: 3549

Product Description: PLT, 1536WL, SOLID WHITE, COLLAGEN COATED, NS, BK, 10/50

Component Materials:

- Plate - Virgin Polystyrene meets UPS, Class VI requirements for plastic containers and closures. White concentrate.
- Lid - Virgin Polystyrene meets UPS, Class VI requirements for plastic containers and closures.
- Collagen I - Rat-Tail tendon

Product Dimensions:

Length of Plate	-	5.030 in.	Width of Square Well @ Top	-	.067 in.
Width of Plate	-	3.365 in.	Width of Square Well @ bottom	-	.0035 in./ .022cm sq.
Depth of Well	-	.195 in.	Height with Lid	-	.500 in.
Tolerances of Dimensions	-	+/- .010 in.	Plate Height	-	.410 in.
Total well Volume	-	12.2µL	Recommended working Volume per well	-	10µL

Bioburden - This product has been tested for bioburden contamination. Results: less than .52% of the wells contaminated.

Pyrogens - The product has been tested and has met the criteria established in the current version of ANSI/AAMI ST 72:2002/(R)2010 *Bacterial Endotoxins - Test methodologies, routine monitoring, and alternatives to batch testing*. Results: < 0.5 EU/mL (< 20EU/device)

Surface Characterization – These plates are coated with a 300 KD collagen type I via a proprietary method, which create a uniform, dense collagen network on the plastic surface. The collagen is derived from rat-tail tendons and is of U.S. origin.

Optical Characterization – The product is made of opaque white polystyrene walls to minimize well to well crosstalk and background fluorescence and /or luminescence.

Tissue Culture- Tested for the attribute of cell attachment and growth utilizing an attachment-dependent mammalian cell line. Coated plates must exhibit greater number of attached cells as compared to a non-coated plate 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 3