Circular Foam Tissue Train® Culture Plates

Flexible bottomed culture plate used with the Flexcell® Tension System for providing biaxial strain to circular 3-D cell-seeded gel constructs.

- Create circular 3-D cell-seeded gel constructs (no Trough Loader necessary).
- Apply a load regimen of biaxial cyclic strain to the cellular construct using a Flexcell® Tension System and cylindrical loading stations.
- Matrix-bonded foam circular anchor (*Fig. 19*) for improved cell attachment.
- Observe cell responses in 3-D matrix with phase contrast, fluorescence, or scanning confocal microscopy.
- Monitor changes in cell shape, tissue organization, cell migration, division, gene expression, and protein expression and secretion.
- Covalently bonded anchors: Amino, Collagen (Type I or IV), Elastin, ProNectin (RGD), and Laminin (YIGSR)
- Store at room temperature in the dark or out of direct light for up to 1 year.

Figure 19. *Circular Foam Tissue Train® culture plate with foam tabs (circle inset).*

ORDERING INFORMATION (Please contact distributor for pricing)			
Catalog Number	**Product/Item**	**Price Per Case of 40** ***5% Savings****	**Price Per Plate**
TTCF-5001U	Circular Foam Culture Plate — Untreated		
TTCF-5001A	Circular Foam Culture Plate — Amino		
TTCF-5001C	Circular Foam Culture Plate — Collagen Type I		
TTCF-5001C(IV)	Circular Foam Culture Plate — Collagen Type IV		
TTCF-5001E	Circular Foam Culture Plate — Elastin		
TTCF-5001P	Circular Foam Culture Plate — ProNectin		
TTCF-5001L	Circular Foam Culture Plate — Laminin		

**Savings based on buying 40 plates at the "per plate" price.*