

TISSUE TRAIN® CULTURE PLATES

6-well flexible bottomed culture plate used with the Flexcell Tissue Train Culture System for providing uniaxial strain to 3-D cell-seeded gel constructs.

- Create 3-D cell-seeded constructs on a Tissue Train plate using a Trough Loader as a mold (Fig. 14).
- Apply a load regimen of uniaxial cyclic strain to the cellular construct using a Flexcell Tension system and Arcangle Loading Stations.
- Matrix-bonded nylon mesh anchors for improved cell attachment.
- Observe cell responses in 3-D matrix with phase contrast, fluorescence or scanning confocal microscopy.
- Covalently bonded anchors: Amino, Collagen (Type I or IV), Elastin, ProNectin (RGD), Laminin (YIGSR).
- Available in cases of 10 and 40 plates.



Figure 14. Representative image of 3-D cell-seeded gel construct created in a Tissue Train culture plate.

<i>For use with (linear) Trough Loaders</i>	
Cat. No.	Product/Item
TT-4001U	Tissue Train® Culture Plate – Untreated
TT-4001A	Tissue Train® Culture Plate – Amino
TT-4001C	Tissue Train® Culture Plate – Collagen Type I
TT-4001C/IV	Tissue Train® Culture Plate – Collagen Type IV
TT-4001E	Tissue Train® Culture Plate – Elastin
TT-4001P	Tissue Train® Culture Plate – ProNectin
TT-4001L	Tissue Train® Culture Plate – Laminin

<i>For use with Trapezoidal Trough Loaders</i>	
Cat. No.	Product/Item
TTTP-4001U	Trapezoidal TT® Culture Plate – Untreated
TTTP-4001A	Trapezoidal TT® Culture Plate – Amino
TTTP-4001C	Trapezoidal TT® Culture Plate – Collagen Type I
TTTP-4001C/IV	Trapezoidal TT® Culture Plate – Collagen Type IV
TTTP-4001E	Trapezoidal TT® Culture Plate – Elastin
TTTP-4001P	Trapezoidal TT® Culture Plate – ProNectin
TTTP-4001L	Trapezoidal TT® Culture Plate – Laminin

