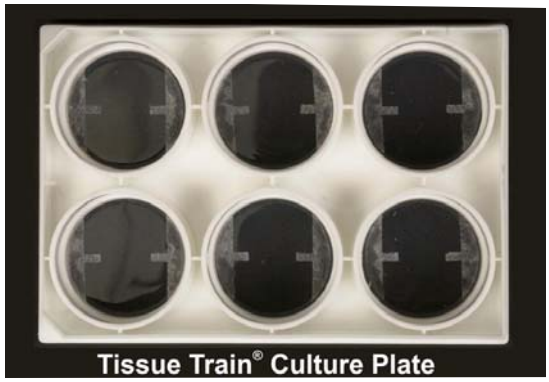
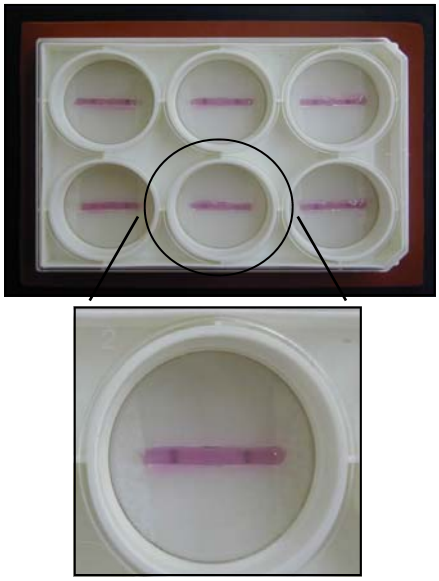
TISSUETRAIN® CULTURE PLATES

Flexible bottomed culture plate used with the Flexcell TissueTrain Culture System for providing uniaxial strain to 3-D cell-seeded gel constructs.





- Create 3-D cell-seeded constructs on a TissueTrain plate using a Trough Loader as a mold (Fig. 12).
- Apply a load regimen of uniaxial cyclic strain to the cellular construct using a Flexcell Tension Plus system and Arctangle 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)

Figure 12. Representative image of 3-D cell-seeded gel construct created in a TissueTrain culture plate.

ORDERING INFORMATION (call your distributor for prices)	
Catalog Number	*Product/Item*
TT-4001U	TissueTrain Culture Plate — Untreated
TT-4001A	TissueTrain Culture Plate — Amino
TT-4001C	TissueTrain Culture Plate — Collagen Type I
TT-4001C(IV)	TissueTrain Culture Plate — Collagen Type IV
TT-4001E	TissueTrain Culture Plate — Elastin
TT-4001P	TissueTrain Culture Plate — ProNectin
TT-4001L	TissueTrain Culture Plate — Laminin