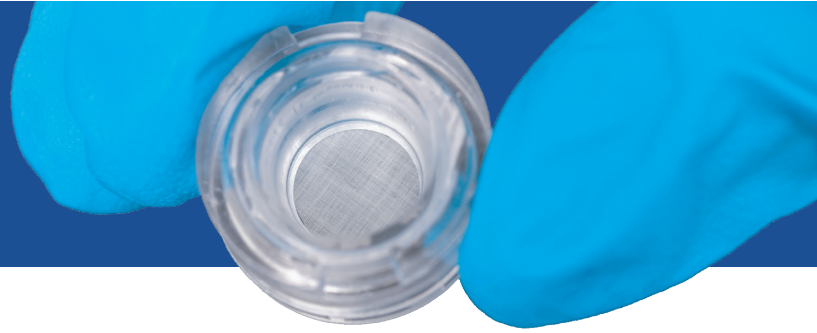


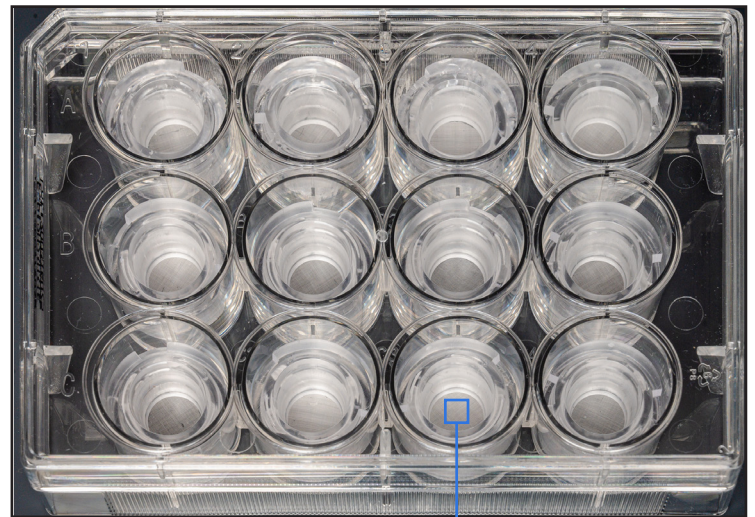
CollaFibR™ Scaffold for 3D Cell Culture



Highly consistent 3D collagen fiber scaffold

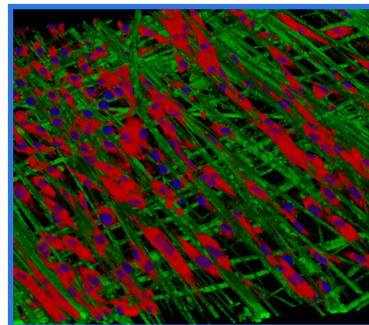
3D cell cultures better replicate *in-vivo* conditions for studying cell and tissue models.

3D BioFibR's patented dry-spinning technology produces the CollaFibR™ scaffold: a highly consistent collagen fiber matrix. These matrices closely resemble the biomechanical and biochemical properties of natural collagen scaffolds, allowing researchers to better understand cellular biology.

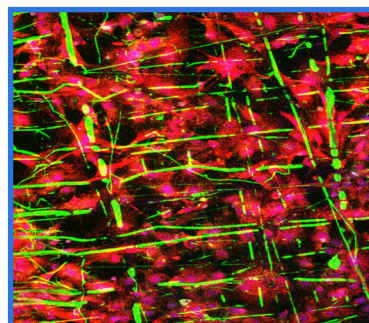


CollaFibR™ Scaffolds:

- Produced using GMP type I collagen, and resemble natural collagen fiber structures
- Degradable with collagenase for minimally invasive cell extraction/recovery
- Designed to fit a 12-well plate
- Stable at room temperature
- Compatible with brightfield, epifluorescence, confocal and live cell microscopy
- UV sterilized and ready to use on receipt
- Available with fluorescent tag



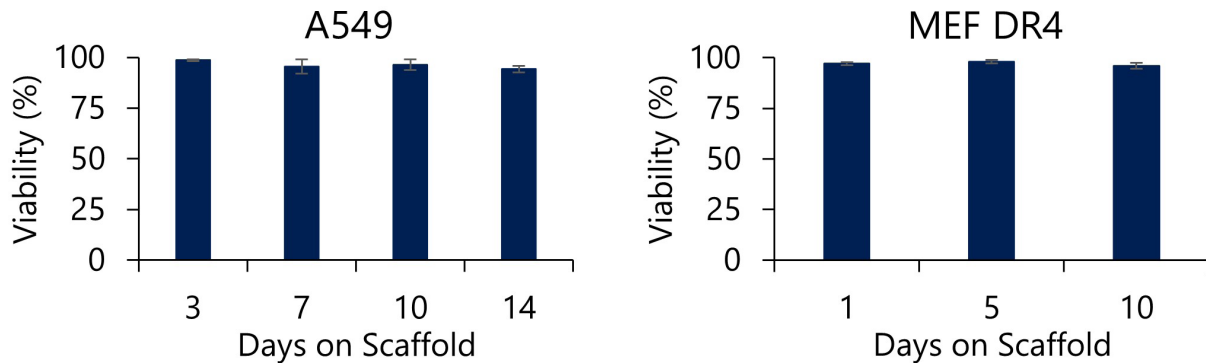
CollaFibR™ scaffold (green) with MEF DR4 cells, stained with Hoechst and phalloidin.



Primary tenocytes (red-tdtomato) grown in CollaFibR™ scaffold, stained with anti-collagen (green).

CollaFibR™ Scaffold for 3D Cell Culture

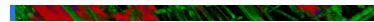
Cell Viability in Scaffolds



Error bars show standard error of the mean

Product Specifications

Collagen Bovine Type I	Hydrated Ultimate Tensile Strength 23 ± 6 kPa
Format 12 Well Plate	Hydrated Young's Modulus 50 ± 16 kPa
Hydrated Thickness ~200 µm	Storage Room Temperature
Surface Area 247 mm ²	



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