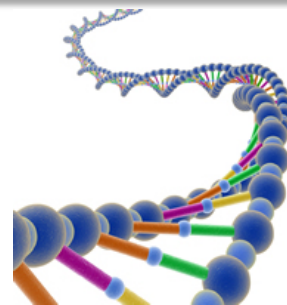


R-Live™ Scaffold Free 3D Human Cardiac Tissue

Stable and Long Lasting Beating Cardiac Tissue.



R-Live: A Superior 3D Human Tissue Model

Combines Click Chemistry and Cell Surface Engineering to Assemble Multiple Cardiac Cell Types in 3D.

The Best Tissue Model for Your Study

Compare Various 2D and 3D Cardiac Tissue Constructs Composed of 1-3 Different Cell Types.

Excellent Cardiac Tissue Function

Outstanding Reproducible Performance in Cardiac Assays. Long Lasting, Durable Functional 3D Cardiac Tissue Model.

Maintain Healthy Cells

Maintains cellular biology and metabolism during manufacturing process to accurately represent the biology being modeled.

The Cells are the Scaffold

No hydrogels or polymers used in the Manufacturing Process. High Density Cell Tissue.

Schematic and images of the procedure to assemble scaffold free cardiac tissue via bio-orthogonal chemistry and cell surface engineering. (Top) Rapid method to assemble cardiac specific cell types in a stable co-culture. (Middle) Comparison of various cardiac tissue constructs containing different cell lines in 2D and 3D. (Bottom) Images showing different cardiac tissue markers. Plots describing the comparison of the various 2D and 3D cardiac tissues upon drug exposure. The 3D mixed cardiac tissue has superior cardiac function. Without ViaGlue, cells do not assemble and only single cells or monolayer of cells in culture are generated.

