

Materials List for:**A Net Mold-based Method of Scaffold-free Three-Dimensional Cardiac Tissue Creation**

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Materials

Name	Company	Catalog Number	Comments
Human Cardiac fibroblasts (HCF)	ScienCell	6310	
FM-2 Consists of Basal Medium	ScienCell	2331	HCF culture medium
Human umbilical vein endothelial cells (HUVEC)	Lonza	CC-2935	
EGM+Bullet Kit	Lonza	CC5035	HUVEC culture medium
E8 media	Invitrogen	A1517001	hiPSC culture medium
Geltrex	Invitrogen	A1413202	
TrypLE Express Enzyme (1X)	Thermo Fisher	12604013	Trypsin and Cell dissociation reagent
RPMI media	Invitrogen	11875093	RPMI media with B-27 supplement is hiPSC-CM culture medium
B-27 supplement (50x)	Thermo Fisher	17504044	RPMI media with B-27 supplement is hiPSC-CM culture medium
Trypan Blue Solution, 0.4%	Thermo Fisher	15250061	
Novel net mold	TissueByNet Co.,Ltd	NM25-1	
Hanging drop plate	Kuraray Co.,Ltd	MPc350	
6 well plates	Sigma-Aldrich	CLS-3516	