

Materials List for:

Derivation of Highly Purified Cardiomyocytes from Human Induced Pluripotent Stem Cells Using Small Molecule-modulated Differentiation and Subsequent Glucose Starvation

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URL: <https://www.jove.com/video/52628>

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Materials

Name	Company	Catalog Number	Comments
Matrigel (9-12 mg/ml)	BD Biosciences	354277	
RPMI media	Invitrogen	11835055	
Glucose free RPMI media	Invitrogen	11879-020	
B27 Minus Insulin	Invitrogen	A1895601	
B27 Supplement (w/ insulin)	Invitrogen	17504-044	
Pen-strep antibiotic	Invitrogen	15140122	
Fetal bovine serum	BenchMark	100-106	
DMSO	Sigma	D-2650	
ROCK inhibitor Y-27632	EMD Millipore	688000	
CHIR99021	Thermo Fisher	508306	
IWR1	Sigma	I0161	
EDTA	Invitrogen	15575-020	
Accutase	Millipore	SCR005	
Cell lifter	Fisher	08-100-240	
Cryovial	Fisher (NUNC tubes)	375418	
TrypLE Select Enzyme	Invitrogen	12563-011	