

Materials List for:

Electrospun Fibrous Scaffolds of Poly(glycerol-dodecanedioate) for Engineering Neural Tissues From Mouse Embryonic Stem Cells

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URL: <https://www.jove.com/video/51587>

DOI: [doi:10.3791/51587](https://doi.org/10.3791/51587)

Materials

Name	Company	Catalog Number	Comments
Glycerol	Sigma-Aldrich	G7757	
Dodecanedioic acid	Sigma-Aldrich	D1009	
Gelatin	Sigma-Aldrich	D1890	
Poly(ethylene oxide) (PEO)	Sigma-Aldrich	182028	
Riboflavin	Sigma-Aldrich	132350250	0.10%
Mouse embryonic stem cells	GlobalStem	GSC-5002	
Matrigel	Becton Dickinson	356234	
DMEM/F12	Thermo Scientific	SH30272.02	
N2 supplement	Invitrogen	17502048	1%
FGF2	Stemgent	03-0002	10 ng/ml
Accutase	Invitrogen	A11105-01	
Phosphate buffered saline (PBS)	Invitrogen	10010-031	
Resazurin fluorescence dye	Sigma-Aldrich	62758-13-8	
SV Total RNA Isolation System	Promega	Z3100	
GoScript Reverse Transcription System	Promega	A5000	
GoTaq# qPCR Master Mix	Promega	A6001	
Syringe pump	Fisher scientific	14-831-200	
High voltage power source	Spellman High Voltage Electronics Corporation		SL30
UV light	Philips	308643	15W/G15T8
Synergy HT Multi-Mode Microplate Reader	BioTek		
Perkin Elmer GeneAmp PCR System 9600	Perkin Elmer	8488	
StepOne Real-time PCR System	Applied Biosystems	4376357	