

Materials List for:

Human iPSC-Derived Cardiomyocyte Networks on Multiwell Micro-electrode Arrays for Recurrent Action Potential Recordings

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Materials

Name	Company	Catalog Number	Comments
Accutase	Sigma Aldrich	A6964-100ML	cell dissociation solution
Acquisition software	Multichannel Systems	Multiwell-Screen v 1.9.2.0	
B27 Supplement	ThermoFisher	17504-044	CM media supplement
Converter software	Multichannel Systems	MultiChannel DataManager	
DMEM/F12	ThermoFisher	11330-032	
D-PBS	ThermoFisher	14190-250	
FBS	Fisher Scientific	SH3007103HI	
Fibronectin	Sigma Aldrich	F1141-5MG	
Geltrex	ThermoFisher	A1413202	coating substrate
Interface board	Multichannel Systems	MCS-IFB 3.0 Multiboot Interface Board	
Multiwell MEA Plate	Multichannel Systems	24W300/30G-288	
RPMI 1640	ThermoFisher	11875-093	CM base medium
Terg-a-zyme	Sigma Aldrich	Z273287-1EA	enzymatic detergent
Transfer pipettes, individually wrapped	Fisher Scientific	1371148	
Trypan Blue	Sigma Aldrich	T8154-100ML	
Ultrapure sterile water	ThermoFisher	10977-023	
6-well tissue-culture treated plates	Fisher Scientific	08-772-1B	