

Materials List for:

# Isolation and Cryopreservation of Neonatal Rat Cardiomyocytes

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## Materials

Name	Company	Catalog Number	Comments
IMDM (+25 mM HEPES +L-glutamine)	Gibco	12440-046	With added 25 mM HEPES and L-glutamine
L-glutamine	Gibco	25030-081	
FBS	Hyclone	SH30070.03	
Gentamicin	Gibco	15710-064	
2-Mercaptoethanol	Gibco	21985-023	
HBSS (+Ca +Mg)	Corning	21-020-CV	With added calcium and magnesium, pH 7.1-7.4
Trypsin 0.25%	Gibco	25300-056	
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Cryostor CS5	BioLife Solutions	205102	Freezing media
Cryogenic Vial	Corning	430659	
Collagenase	Sigma	C1889-50MG	
40 µm Cell Strainer	Greiner Bio-One	542040	
Sterilizing Vacuum Filter (0.22µm)	Corning	431118	
50 ml Conical	Corning	430828	
15 ml Conical	Corning	430790	
trypan blue	Cellgro	25-900-CI	
Mr Frosty Freezing Container	ThermoScientific	5100-0001	
Millicell EZ SLIDES	Millipore	PEZGS0416	
α-sarcomeric actinin antibody	Sigma	A7811	
Fibronectin	Corning	356008	
Bromodeoxyuridine	BD Biosciences	51-7581KZ	