

Materials List for:

Reprogramming Mouse Embryonic Fibroblasts with Transcription Factors to Induce a Hemogenic Program

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Materials

Name	Company	Catalog Number	Comments
DMEM	Invitrogen	11965-092	
0.45 µm filters	Corning	430625	
Amicon Ultra centrifugal filters	Millipore	UFC900324	
Penicillin/Streptomycin	Invitrogen	15140-122	
L-Glutamine	Invitrogen	25030-081	
FBS	Gemini's Benchmark	100-106	
PBS	Life Technologies	14190-144	
18 G needles	BD	305195	
20 G needles	BD	305175	
25 G needles	BD	305125	
Collagenase Type I	Sigma	C0130-100MG	
TrypLE Express	Invitrogen	12605-010	
Myelocult media	Stem Cell Technologies	M5300	
SCF	R & D Systems	455-MC	
Flt3L	R & D Systems	427-FL	
IL-3	R & D Systems	403-ML	
IL-6	R & D Systems	406-ML	
TPO	R & D Systems	488-TO	
Doxycycline	Sigma	D9891-1G	
Polybrene (hexadimethrine bromide)	Sigma	AL-118	
Durapore 0.65 µm membrane filters	Millipore	DVPP14250	
Methylcellulose media	Stem Cell Technologies	Methocult M3434	
Hydrocortisone	Stem Cell Technologies	07904	
C57BL/6 mice	The Jackson Laboratory	000664	
Gelatin	Sigma	G-1890 100g	
pFUW-tetO	Addgene	Plasmid #20321	
Gata2	Origene	MR226728	
Gfi1b	Origene	MR204861	
cFos	Addgene	Plasmid #19259	

Etv6	Origene	MR207053	
psPAX2	Addgene	Plasmid #12260	
pMD2.G	Addgene	Plasmid #12259	
CaCl ₂	Sigma	C5670-100g	
FUW-M2rtTA	Addgene	Plasmid #20342	
35 mm x 10 mm culture dishes	Thermo Scientific	171099	