

Materials List for:

Collection of Serum- and Feeder-free Mouse Embryonic Stem Cell-conditioned Medium for a Cell-free Approach

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Materials

Name	Company	Catalog Number	Comments
DMEM	Invitrogen	#11960-044	
FBS	Invitrogen	#30044333	20%, ES cell quality
Penicillin and streptomycin	Invitrogen	#15140	50 units/ml penicillin and 50 mg/ml streptomycin
L-glutamine	Invitrogen	#25030	2 mM
Nonessential amino acids (NEAA)	Invitrogen	#11140	100 µM
β-mercaptoethanol	Sigma	#M3148	100 µM
Leukemia inhibitory factor	Millipore	#ESG1107	100 units/ml
OPTI-MEM	Invitrogen	#22600	
X-gal	Sigma	#B4252	1 mg/ml
Paraformaldehyde (PFA)	Sigma	P6148	3.70%
Dimethylformamide (DMF)	Sigma	#D4551	
Potassium ferricyanide	Aldrich	#455946	5 mM
potassium ferrocyanide	Aldrich	#455989	5 mM
NaCl	Sigma	#S7653	150 mM
MgCl ₂	Sigma	#M2393	2 mM
Mitomycin C	Sigma	#M4287	10 µg/ml
Propidium iodide	Sigma	#P4170	50 µg/ml
TRIzol	Ambion	#15596018	
M-MLV reverse transcript-tase	Promega	#M170B	
Power SYBR Green PCR master mix	Applied Biosystems	#4367659	
HDFs, NHDF-Ad-Der-Fibroblast	LONZA	#CC-2511	
Bottle top filter	Corning	#430513	0.2 µm