

Materials List for:

ES Cell-derived Neuroepithelial Cell Cultures

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Materials

Name	Type	Company	Catalog Number	Comments
L-Glutamine		GIBCO, by Life Technologies	25030	
alpha-MEM		GIBCO, by Life Technologies	12571	
Penicillin/streptomycin		GIBCO, by Life Technologies	15140	
Knockout-DMEM		GIBCO, by Life Technologies	10829	
Knockout serum replacement		GIBCO, by Life Technologies	10828	
MEM nonessential amino acid solution		GIBCO, by Life Technologies	12383	
DMEM/F12		GIBCO, by Life Technologies	11330	
N2-A supplement		Stem Cell Technologies	07152	
Mitomycin-C		Sigma-Aldrich	M0503	
Gelatine type-A		Sigma-Aldrich	G1890	
poly-L-ornithine		Sigma-Aldrich	P4957	0.01% solution
Laminin		Sigma-Aldrich	L-2020	
Fibronectin		Sigma-Aldrich	F2006	
Basic fibroblast growth factor (bFGF)		Invitrogen	13256	
1 ml Syringe with 27 1/2 G needle		BD Biosciences	309623	
N2-A media	medium			DMEM/F12 + 1% N2-A supplement
Serum replacement media (SRM)	medium			Knockout-DMEM + 20% Knockout serum replacement +1% MEM nonessential amino acid solution + 2 mM L-glutamine
α-MEM media	medium			α-MEM + 10% FBS + 2 mM L-glutamine + 1% penicillin/streptomycin
MS5	cell line			stromal cells
Microscope				
6-well Plates				for tissue culture