

Materials List for:

Isolation and Culture of Embryonic Mouse Neural Stem Cells

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Materials

Name	Company	Catalog Number	Comments
15 mL tubes	Falcon	352097	
50 mL tubes	Falcon	352235	
Adson Forceps, 12 cm, Straight	WPI	14226	
B27	Gibco	17504-44	
bFGF	Sigma	F0291	
bovine serum albumin (BSA)	Sigma	A2153	
dish 10cm	Falcon	353003	
Dressing Forceps, 12.5 cm, Straight	WPI	15908	
Dumont Tweezers, 11 cm, Straight	WPI	500342	
EGF	Sigma	E9644	
Ethanol	Merck	100983	
Glutamate	Sigma	G3291	
Glutamax	Gibco	35050061	
goat anti rabbit FITC conjugated secondary antibody	Sigma	AP307F	
goat serum	Sigma	G9023	
Heparin	Sigma	h3149	
HEPES	Sigma	83264	
HEPES	Sigma	90909C	
insulinsyringe with 25-27 gauge Needle	SUPA medical	A1SNL127	
laminin	sigma	L2020	
MEM	Sigma	M2279	
N2 supplement	Gibco	17502048	
NB medium	Gibco	21103-31	
Non-essential amino acid (NEAA)	Gibco	11140050	
PBS without Ca and Mg	Gibco	20012050	
Penicilin/ Streptomycin	Gibco	5140122	
Poly-L-ornithine	Sigma	P4957	
rabbit anti mouse beta tubulin-III antibody	Sigma	T2200	
rabbit anti mouse GFAP antibody	Sigma	G4546	
rabbit anti mouse Nestin antibody	Sigma	N5413	

Scalpel Handle #3	WPI	500236	
Scissors curve	WPI	14396	
Scissors sharp straight	WPI	14192	
Soybean trypsin inhibitor	Roche	10109886001	
Tissue culture flasks, T25	BD	353014	
Tissue culture flasks, T75	BD	353024	
Tween 20	Sigma	P1379	
Vannas Scissors, 8 cm, Straight	WPI	14003	
β -mercaptoethanol	Sigma	M6250	