

Materials List for:

Nucleofection of Rodent Neuroblasts to Study Neuroblast Migration *In vitro*

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URL: <https://www.jove.com/video/50989>

DOI: [doi:10.3791/50989](https://doi.org/10.3791/50989)

Materials

Name	Company	Catalog Number	Comments
Hank's Balanced Salt Solution (HBSS)	Invitrogen Life Technologies	14175129	
HEPES	Sigma-Aldrich	H3375-25G	
Penicillin-Streptomycin	Invitrogen Life Technologies	15140-122	
2.5% Trypsin-EDTA (10x)	Gibco	15090-046	store 200 µl aliquots at -20 °C
DNase I Vial (D2)	Worthington	LK003170	≥1,000 units per vial; store 50 µl aliquots at -20 °C
Dulbecco Modified Eagle's Medium (DMEM)	Gibco	11960-044	
Fetal Calf Serum (FCS)	Hyclone	SH3007902	
Neurobasal medium	Gibco	21103-049	
B27 supplement	Invitrogen Life Technologies	17504044	
L-Glutamine (200 mM)	Invitrogen Life Technologies	25030-081	
D-(+)-Glucose solution (45%)	Sigma-Aldrich	G8769	
Matrigel Basement Membrane Matrix, Growth Factor Reduced (GFR), Phenol Red-free, 10 ml, LDEV-Free	BD Biosciences	356231	prepare 120 µl aliquots at 4 °C, then store at -80 °C
PFA	Sigma-Aldrich	441242	
Sucrose	BDH	102745C	
Goat serum	Sigma-Aldrich	69023	
Triton X-100	VWR International Ltd.	306324N	
BSA	Fisher Chemical	BPE9701-100	
Dako fluorescence mounting medium	Dako	S3023	
Rat neuron nucleofection kit	Lonza	VPG-1003	
Mouse neuron nucleofection kit	Lonza	VPG-1001	
Microsurgical knife	Angiotech	7516	
Mcllwain tissue chopper	The Mickle Laboratory Engineering Company		
Nucleofector II	Lonza		