

Materials List for:

Isolation and Culture of Post-Natal Mouse Cerebellar Granule Neuron Progenitor Cells and Neurons

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1

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Materials

Name	Company	Catalog Number	Comments
Cell strainer with 70µm mesh pore	BD Biosciences	352350	
Spinal Needle	BD Biosciences	405182	20G x 3-1/2 inches
Poly-D-Lysine mol wt>300,000	Sigma-Aldrich	P1024	Each new batch of Poly-D-Lysine must be tested.
Percoll	Sigma-Aldrich	P-1644	
Penicillin-Streptomycin (100X)	Sigma-Aldrich	P4333	
HBSS	Invitrogen	14175-103	Must be calcium and magnesium free.
Neurobasal A-Medium	Invitrogen	10888-022	
Glutamax I supplement	Invitrogen	35050-061	
B-27 Serum Free Supplement (50x)	Invitrogen	17504-044	
12-mm circle coverslips	Carolina Biological	63-3029	These are made in Germany by Deckgluder.
25-mm circle coverslips	Carolina Biological	63-3037	These are made in Germany by Deckgluder.
Papain Dissociation System	Worthington Biochemical	LK 003150	Kit is good for five isolations.
Permaset scissors	Roboz Surgical Instruments Co.	RS6782	
Dumont #5 (Dumostar)	Roboz Surgical Instruments Co.	RS4978	
4-well culture dish	Nalge Nunc international	176740	
6-well culture dish	Nalge Nunc international	140685	