

Materials List for:

# Systemic Injection of Neural Stem/Progenitor Cells in Mice with Chronic EAE

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## Materials

Name	Company	Catalog Number	Comments
<b>Cell culture</b>			
EBSS	Sigma	E2888	
L-Cystein	Sigma Aldrich	C7352	
Papain	Worthington	30H11965	
EDTA	Fisher Scientific	D/0700/50	
Mouse NeuroCult basal medium	Stem Cell Technologies	05700	
NeuroCult proliferation supplements	Stem Cell Technologies	05701	
Heparin	Sigma	H3393	
Basic fibroblast growth factor	Peprtech	100-18B-1000	
Epidermal growth factor	Peprtech	AF-100-15-1000	
Pen/Strep	Invitrogen	1514012	
Matrigel (coating solution)	BD Biosciences	354230	
NeuroCult® Differentiation Kit (Mouse)	Stem Cell Technologies	05704	
Accumax	eBioscience	00-4666-56	
Dulbecco's PBS (DPBS) (10x) without Ca and Mg	PAA Laboratories	H15-011	
Myco trace	PAA Laboratories	Q052-020	
Dimethyl sulfoxide (DMSO)	Sigma	D2650	
<b>Immunofluorescence</b>			
Normal goat serum	PAA Laboratories	B11-035	
Polyethylene glycol p-(1,1,3,3-tetramethylbutyl)-phenyl ether	Sigma Aldrich	T8787	
Mouse anti Nestin	Abcam	ab11306	
Rabbit anti GFAP	DAKO	203344	
Mouse anti Histone H3 (phospho S10)	Abcam	ab14955	
Rabbit anti MAP-2	Abcam	ab32454	
Rat anti MBP	AbD SEROTEC	MCA409S	
Anti-O4 Antibody, clone 81   MAB345	Millipore	MAB345	
DAPI	Invitrogen	D1306	
Mounting solution	DAKO	S3023	
<b>EAE</b>			
Freund's Adjuvant Incomplete	Sigma Aldrich	F5506	

<i>Mycobacterium tuberculosis</i>	DIFCO	H37Ra	
MOG(35–55)	Espikem		
Pertussis toxin	List Biological Laboratories	181	
<b>Tissue processing</b>			
Iris scissor straight	Fine Sciences Tools	14060-09	
Blunt/bended forceps	Fine Sciences Tools	11080-02	
Brain slicer	Zivic Instruments	BSMAS005-1	
Surgical blades	Swann-Morton	324	
P200, P1000 pipettes			
Ketamine (Vetalar)	Boehringer Ingelheim	01LC0030	
Xylazine (Rompun)	Bayer	32371	
Stereotaxic frame	KOPF	Model 900	
Hamilton syringe	Hamilton	7762-04	
Paraformaldehyde (PFA)	Sigma	158127	
VECTASTAIN Elite ABC Kit	Vector Laboratories	PK-6100	