

Materials List for:

Neural Stem Cell Transplantation in Experimental Contusive Model of Spinal Cord Injury

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URL: <https://www.jove.com/video/52141>

DOI: [doi:10.3791/52141](https://doi.org/10.3791/52141)

Materials

Name	Company	Catalog Number	Comments
PKH26GL-1KT	Sigma	091M0973	
Infinite horizon (IH) Impactor device	Precision Systems and Instrumentation, LLC	Model 0400 Serial 0171	
Gentamycin 10 mg/ml	Euroclone	ECM0011B	1 mg/ml in sterile saline solution
Isoflurane-Vet 250 ml	Merial	B142J12A	
Blefarolin POM OFT 10 g			
Slide Warmer	2Biological Instruments	HB101-sm-402	
Scalpel, size 10	Lance Paragon	26920	
Small Graefe Forceps	2Biological Instruments	11023-14	
Rongeur	Medicon Instruments	07 60 07	
Micro scissors	2Biological Instruments	15000-00	
Absorbable sutures (4/0)	Safil Quick	C0046203	
Hemostat	2Biological Instruments	13014-14	
Reflex 7 wound clip applicator	2Biological Instruments	12031-07	
7 mm Reflex wound clips	2Biological Instruments	12032-07	
NGS	Euroclone	ECS0200D	
Triton X 100	Merck Millipore	1086431000	
Anti Microtubule Assocoated Protein (MAP) 2	Millipore	AB5622	
Alexa Fluor 488	Invitrogen	A11008	
FluorSave Reagent	Calbiochem	345789	
Neural stem cells medium			DMEM-F12 medium (Euroclone) containing 2 mm l-glutamine (Euroclone), 0.6% glucose (Sigma-Aldrich), 9.6 gm/ml putrescine (Sigma-Aldrich), 6.3 ng/ml progesterone (Sigma-Aldrich), 5.2 ng/ml sodium selenite (Sigma-Aldrich), 0.025 mg/ml insulin (Sigma-Aldrich), 0.1 mg/ml transferrin (Sigma-Aldrich), and 2 µg/ml heparin (sodium salt, grade II; Sigma-Aldrich), bFGF (human recombinant, 10 ng/ml; Life Technologies) and EGF (human recombinant, 20 ng/ml; Life Technologies)
DMEM-F12	Euroclone	ASM5002	

I-glutamine	Euroclone	ECB3000D	
glucose	Sigma-Aldrich	G8270-100G	
putrescine	Sigma-Aldrich	P5780-25G	
progesterone	Sigma-Aldrich	P6149-1MG	
Sodium-selenite	Sigma-Aldrich	S9133-1MG	
transferrin	Sigma-Aldrich	T 5391	
Insulin	Sigma-Aldrich	I1882	
Heparin sodium-salt	Sigma-Aldrich	H0200000	
bFGF	Life Technology	PHG0024	
h-EGF	Life Technology	PHG6045	
Syringe 0.33 cc 29 G	Terumo	MYJECTOR	
buprenorphine	Schering Plough SpA	TEMGESIC	
eye gel	Bausch & Lomb	LIPOSIC	