

Materials List for

Regulating Schwann Cell Growth by Nanosecond Pulsed Electric Field for Peripheral Nerve Regeneration In Vitro

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Materials

Name	Company	Catalog Number	Comments
Antifade mounting medium	Wuhan Xavier Biotechnology Co., LTD	G1401	
Anti-GFAP Mouse mAb	Wuhan Xavier Biotechnology Co., LTD	GB12100-100	
Anti-Neurofilament heavy polypeptide Mouse mAb	Wuhan Xavier Biotechnology Co., LTD	GB12144-100	
Anti-S100 beta Mouse mAb	Wuhan Xavier Biotechnology Co., LTD	GB14146-100	
BSA	Wuhan Xavier Biotechnology Co., LTD	GC305010	
Coverslip	Jiangsu Shitai experimental equipment Co., LTD	10212432C	
CY3-labeled goat anti-mouse IgG	Wuhan Xavier Biotechnology Co., LTD	GB21302	
DAPI Staining Reagent	Wuhan Xavier Biotechnology Co., LTD	G1012	
Decolorizing shaker	Wuhan Xavier Biotechnology Co., LTD	DS-2S100	
High Voltage Power Supply for nsPEF	Matsusada Precision Inc.	AU-60P1.6-L	
Histochemical pen	Wuhan Xavier Biotechnology Co., LTD	G6100	
Membrane breaking liquid	Wuhan Xavier Biotechnology Co., LTD	G1204	
Microscope slide	Wuhan Xavier Biotechnology Co., LTD	G6012	
Palm centrifuge	Wuhan Xavier Biotechnology Co., LTD	MS6000	

PBS powdered	Wuhan Xavier Biotechnology Co., LTD	G0002	
Pipette	Wuhan Xavier Biotechnology Co., LTD		
Positive fluorescence microscope	Nikon, Japan	NIKON ECLIPSE C1	
Rabbit Anti-SOX10/AF488 Conjugated antibody	Beijing Bioss Biotechnology Co., LTD	BS-20563R-AF488	
RSC96 Schwann cells	Wuhan Xavier Biotechnology Co., LTD	STCC30007G-1	
scanister	3DHISTECH	Pannoramic MIDI	
Special cable for nsPEF	Times Microwave Systems	M17/78-RG217	
Turbine mixer	Wuhan Xavier Biotechnology Co., LTD	MV-100	