

Materials List for:

Patch Clamp Recordings on Intact Dorsal Root Ganglia from Adult Rats

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Materials

Name	Company	Catalog Number	Comments
Pentobarbital sodium	vortech Pharmaceuticals		
syringe	BD	309659	1 ml, 5 ml.
scalpel	BD		size: 15
Mayo straight scissor	Fine Science Tools	14010-15	
Mayo curved scissor	Fine Science Tools	14011-15	
Rongeur	Fine Science Tools	16021-14	
Adson toothed forceps	Fine Science Tools	11027-12	
Iris Scissor	Fine Science Tools	14084-08	
Noyes spring scissor	Fine Science Tools	15124-12	
Bone scissors	Fine Science Tools	16044-10	Special for cutting the bones.
Forceps: Dumont, Dumoxel Biologie #5	Fine Science Tools	11252-30	These have the fine tips that do not need sharpening when first purchased.
periosteal elevator	Sklar	97-0530	
Dissection microscope	WILD		
Transfer pipette	Fisher brand	13-711-5AM	
Petri dish (10 cm)	Pyrex		Glass petri dish can avoid damaging the tips of fine forceps
Collagenase (Liberase TM)	Roche	05-401-119-001	dissolve at the concentration of 13 U/ml, aliquot into glass pipette. Avoid repeated freeze and thaw.
filter	Thermo scientific	7232520	Filter the internal solutions for patch clamp recording to avoid clog.
Glass pipette	Sutter	BF150-110-7.5	
Anchor	Havard apparatus	64-0250	stabilize the DRG to avoid drift.
Peristaltic pump	WPI		
Pipette puller	Sutter	P97	
Amplifier	Molecular devices	Axopatch 200B	
Digitizer	Molecular devices	1440D	
Microscope	NIKON	FN600	
Micro-manipulator	Sutter	MPC200	
microinjection dispense system	General Valve	Picrospitzer II	fast drug application system
Carbogen (95% O2, 5% CO2)	Local Medical Gas supplier		