

Materials List for

Delivery of DNA Plasmids into Urothelium of Mouse Bladder: An Electroporation-based Procedure to Efficiently Deliver DNA Plasmids into Urothelial Cells of Murine Bladder to Generate Genetically Engineered Models

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URL: <https://www.jove.com/video/20564>

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Materials

Name	Company	Catalog Number	Comments
BD 1mL TB Syringe	Fisher	148232E	
Buprenorphine	Sigma	B9275-50MG	
Dumont Tweezers	Roboz Surgical Instr	RS-5005	Treat with 70% ethanol before surgical use
ECM830 SQ Wave Electroporator	Harvard Apparatus	450052	
Exel International Disposable Safelet I.V. Catheters	Fisher Scientific	14-841-21	24G, 2.11 cm length, 0.045 cm outer diameter
Extra Fine Micro Dissecting Scissors	Roboz Surgical Instr	RS-5135	Treat with 70% ethanol before surgical use
Isoflurane	Vet one	501017	
K&H Heated Resting Mat for Small Animals, 9 by 12 Inches	Amazon		Cover the heat mat with paper towels
Ophthalmic ointment	Fisher	NC0849514	
PBS, pH 7.4	Life Technologies	10010049	
Pipet tips 200 µL	USA Scientific	1111-0206	
Pipet Tips, Universal Fit; 0.1 to 10 µL	Fisher	02707438(CS)	
PIPETMAN NEO P2	Gilson	F144561	
PIPETMAN NEO P200N	Gilson	F144565	
plasmid CAG-GFP	Addgene	16664	
Platinum tweezerrode 5 mm	Harvard Apparatus	450489	5 mm diameter
Scissors	Roboz Surgical Instr	RS-5880	Treat with 70% ethanol before surgical use
String cord	Amazon		Mandala Crafts 150D 210D 0.8mm 1mm leather sewing stitching flat waxed thread string cord
Tape, Scotch	Fisher	19047257	
Therio-gel Veterinary Lubricant	PBS animal health	353-736	
Trypan Blue Stain	Life Technologies	15250061	
V-1 Table top system anesthesia	VetEquip	901806	
Vicryl violet suture 18" FS-2 cutting 5-0	Fisher	NC0578475	
Walgreens Povidone Iodine 10%	Walgreens	953982	
Wound clip	Fisher	18045	
Wound clip applicator	Fisher	1804	