

Materials List for:

A Protocol for Decellularizing Mouse Cochleae for Inner Ear Tissue Engineering

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Materials

Name	Company	Catalog Number	Comments
Allegra X-14R Centrifuge	Beckman-Coulter	B08861	
Intramedic Semi-Rigid Tubing	Becton Dickinson	427401	
New Brunswick Innova 2000 Orbital Shaker	Eppendorf	M1190-0002	
Surgical Scissors	Fine Science Tools	14060-10	
Fine Forceps	Fine Science Tools	11370-40	
Ultra-Fine Forceps	Fine Science Tools	18155-13	
50-mL Conical Tubes	Fisher Scientific	12565271	
Petri Dish	Fisher Scientific	FB087579B	
U-100 Insulin Syringe	Fisher Scientific	14-829-1B	
Scintillation Vial	Fisher Scientific	03-341-73	
Rotator	Fisher Scientific	88-861-049	
Transfer Pipette	Fisher Scientific	22-170-404	
Razor Blade	Fisher Scientific	12-640	
Antibiotic-Antimycotic	Fisher Scientific	15-240-062	
Penicillin-Streptomycin	Fisher Scientific	15-140-122	
24-Well Plate	Fisher Scientific	07-200-84	
SuperFrost PLUS Glass Microscope Slides	Fisher Scientific	12-550-15	
Transfer Pipette	Fisher Scientific	22-170-404	
ProLong Gold Antifade Mountant with DAPI	Fisher Scientific	P36935	
Clear-Rite 3	Fisher Scientific	22-046341	
Thermo Scientific Forma Series II 3110 Water-Jacketed CO ₂ Incubator	Fisher Scientific	13-998-078	
Mesenchymal Stem Cell Growth Medium	Lonza	PT-3001	
Trypsin-EDTA	Lonza	CC-3232	
TPP T-75 Culture Flask	MidSci	TP90076	
TPP T-150 Culture Flask	MidSci	TP90151	
TPP T-300 Culture Flask	MidSci	TP90301	
Dissection Microscope	Nikon Instruments	SMZ800	
Nikon Eclipse Ts2R-FL Inverted Microscope	Nikon Instruments	MFA51010	

NuAire Class II, Type A2 Biosafety Cabinet	NuAire	NU-425-600	
1X PBS	Sigma-Aldrich	P5368-10PAK	
1% SDS Solution	Sigma-Aldrich	436143-100G	
10% EDTA	Sigma-Aldrich	E9884-100G	