

Materials List for:

# A Surgical Procedure for Resecting the Mouse Rib: A Model for Large-Scale Long Bone Repair

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## Materials

Name	Company	Catalog Number	Comments
Medium sized micro-dissection scissors (Vannas-Tübingen Spring Scissors 5 mm)	Fine Science Tools	15003-08	
Fine micro-dissection scissors (Vannas Spring Scissors - 2mm Cutting Edge)	Fine Science Tools	15000-04	curved tip is beneficial
Micro-scalpel 5.0 mm	Fine Science Tools	10315-12	other fine scalpels can be substituted
Dumont 55 forceps	Fine Science Tools	11295-51	
Retractor	Fine Science Tools	17004-05	adjustability is convenient
Micro-needle holders	Fine Science Tools	12060-01	
9.0 nylon sutures (Ethilon), taper point best	Ethicon	2819G or similar	taper point best but reverse cutting is also good
7.0 prolene sutures (Prolene)	Ethicon	8700H or similar	6-0 can be used too, needle point can vary
Large forceps (Adson Forceps)	Fine Science Tools	11006-12	other brands are fine
Lubricant Eye Ointment (Akwa Tears)	Akorn	17478-062-35	
Suture glue (GLUture Topical Tissue Adhesive)	Abbot	32046-01	has excellent working time
Shaver	Wahl	9918-6171 or similar	
Clamp lamp	Zoo Med	LF-5	
Infrared Bulb, 75W	Zoo Med	RS-75	
RC <sup>2</sup> Rodent Anesthesia System	VetEquip	922100	
IsoFlo (Isoflurane)	Abbot	05260-05	
Buprenorphine (Buprenex)	Reckitt Benckiser	12496-0757-1	
Betadine	Purdue Frederick	67618015017	
Flavored Gelatin, raspberry	Jell-O	B000E1FYLO	made up firm, to the consistency of 'jigglers'