

Materials List for:

Seeding and Implantation of a Biosynthetic Tissue-engineered Tracheal Graft in a Mouse Model

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URL: <https://www.jove.com/video/59173>

DOI: [doi:10.3791/59173](https://doi.org/10.3791/59173)

Materials

Name	Company	Catalog Number	Comments
0.9% Sodium chloride injection	APP Pharmaceuticals	NDC 63323-186-10	
10cc serological pipet	Falcon	357551	
18G 1.5in. Needle	BD	305190	
1mL Syringe	BD	309659	
24-well plate	Corning	3526	
25cc serological pipet	Falcon	356535	
25G 1in. Needle	BD	305125	
50cc tube	BD	352070	
Alcohol prep pads	Fisher Healthcare	NDC 69250-661-02	
Baytril (enrofloxacin) solution	Bayer Healthcare, LLC	NDC 0859-2267-01	
Black polyamide monofilament suture, 9-0	AROSurgical Instruments Corporation	T05A09N10-13	
C57BL/6, female	Jackson laboratories	664	6-8 weeks old
Citrate Buffer pH 6.0 20x concentrate	ThermoFisher	5000	
Colibri retractors	F.S.T	17000-04	
Cotton tipped applicators	Fisher scientific	23-400-118	
Cytokeratin 14 Monoclonal Antibody	ThermoFisher	MA5-11599	
Dumont #5 Forceps	F.S.T	11251-20	
Dumont #5/45 forceps	F.S.T	11251-35	
Dumont #7 - Fine Forceps	F.S.T	11274-20	
F4/80 Rat anti-mouse antibody	Bio-Rad	MCA497R	
Ficoll	Sigma	10831-100mL	
Fine scissors- Sharp-blunt	F.S.T	14028-10	
Fisherbrand Premium Cover Glasses	ThermoFisher	12-548-5M	
Fluoroshield Mounting Media with DAPI	Abcam	ab104139	
Goat-anti mouse IgG Secondary Antibody Alexa Fluor 594	ThermoFisher	A-11001	

Goat-anti Rabbit IgG Secondary Antibody Alexa Fluor 594	ThermoFisher	A-11012	
Goat-anti Rat IgG Secondary Antibody Alexa Fluor 647	ThermoFisher	A-21247	
Ibuprofen	Precision Dose, Inc	NDC 68094-494-59	
Iodine prep pads	Professional disposables international, Inc.	NDC 10819-3883-1	
Keratin 5 Polyclonal Antibody, Purified	BioLegend	905501	
Ketamine hydrochloride injection	Hospira Inc.	NDC 0409-2053	
Micro-Adson forceps	F.S.T	11018-12	
Microscope	Leica	M80	
Non-woven sponges	Covidien	441401	
Ophthalmic ointment	Dechra Veterinary products	NDC 17033-211-38	
PBS	Gibco	10010-023	
PET/PU (Polyethylene terephthalate & Polyurethane) scaffolds	Nanofiber solutions		Custom ordered
Petri dish	BD	353003	
RPMI 1640 Medium	Gibco	11875-093	
TISH Needle Holder/Forceps	Micrins	MI1540	
Trimmer	Wahl	9854-500	
Vannas-Tübingen Spring Scissors	F.S.T	15008-08	
Warm water recirculator	Gaymar	TP-700	
Xylazine sterile solution	Akorn animal health	NDC 59399-110-20	