

Materials List for:

# Microdissection of Primary Renal Tissue Segments and Incorporation with Novel Scaffold-free Construct Technology

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## Materials

Name	Company	Catalog Number	Comments
Non-fenestrated Sterile Field	Busse Hospital Disposables	696	
Fenestrated Sterile Field	Busse Hospital Disposables	697	
Halsted Mosquito Forceps 5 Curved	Miltex	Mil-7-4	"Hemostat" in manuscript
Extra Fine Graefe Forceps, Curved with teeth	Fine Science Tools	11155-10	Fine forceps with teeth
Extra Fine Graefe Forceps, Serrated (without teeth)	Fine Science Tools	11152-10	Fine forceps without teeth
Fine Scissors - Tungsten Carbide	Fine Science Tools	14568-09	Iris Scissors
Betadine Surgical Scrub with Pump, Povidone-iodine 7.5%	Purdue Products L.P.	67618-151-17	
Sterile Cotton Gauze Pad (4" x 4")	Fisher Healthcare	22-415-469	
Dulbecco's Phosphate Buffered Solution	Corning	21-030-CV	
Penicillin/Streptomycin Solution, 100X	Corning	30-002-CI	
Isoflurane, USP	Manufacturer: Piramal, Distributor: McKesson	2254845	
Nair Hair Remover	Nair	22600-23307	Hair Removal Cream in text
200 Proof Ethanol	Decon Laboratories	2705	Diluted to 70% Ethanol Solution
BioLite 60mm Tissue Culture Dish	Thermo-Scientific	130181	
Press'n Seal	Glad	12587-70441	Applied to Stereoscope
SZX16 Stereo Microscope	Olympus	SZX16	
Fiber Optic Illuminator	Cole Parmer	41720-20	
Self-Supporting Dual-Light Pipe, 23" L Gooseneck	Cole Parmer	EW-41720-60	
Scalpel Handle #3	Miltex	Mil-4-7	
Sterile Rib-Back Carbon Steel Blade, Blade Size 15	Bard-Parker	371115	
31 1/2 Gauge Needle	ThermoFisher Scientific	14-826F	Becton Dickinson 305106
Dulbecco's Modified Eagle's Medium	Corning	10-017-CV	
Fetal Select 100% Bovine Serum	Atlas Biologicals	FS-0500-AD	
Normal Human Dermal Fibroblasts	Lonza	CC-2511	
Human Adipose Microvascular Endothelial Cells	Sciencell Research Laboratories	7200	

Surgical Loupes (2.5x)	Orasoptic	(N/A) Custom Order	
FGM-2 (Fibroblast Basal Medium with FGM-2 SingleQuots Added)	Lonza	CC-3131, CC-4126	
EGM-2 (Endothelial Basal Medium with EGM-2 SingleQuots Added)	Lonza	CC-3156, CC-4176	
Live/Dead Viability/Cytotoxicity Kit for Mammalian Cells	ThermoFisher Scientific	L3224	
Anti-Cytokeratin-18 Antibody	Abcam	ab668	
Goat anti-Mouse IgG, Alexa Fluor 633	ThermoFisher Scientific	A-21052	
Goat anti-Rabbit IgG, Alexa Fluor 546	ThermoFisher Scientific	A-11010	
Anti-Von Willebrand Factor Antibody	Abcam	ab6994	
Albumin, Fluorescein isothiocyanate Conjugate	Sigma Aldrich	A9771-50MG	
Hoescht 33342	BD Pharmingen	561908	
Background Buster	Innovex Biosciences	NB306	