

Materials List for

A Murine Model of a Burn Wound Reconstructed with an Allogeneic Skin Graft

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jove.com/video/61339

Materials

Name	Company	Catalog Number	Comments
1 ml syringe	Terumo	SS + 01T1	
26 G needle	Terumo Agani	NN-2613R	1/2" - 0,45 X 12mm
96X21 mm Petri Dish	Dutscher	193199	
Animal Weighing scale	Kern	EMB 5.2K5	
BALB/c mouse	Janvier labs	BALB/cAnNRj	6-weeks old
Biopsy foam pads 30.2X25.4X2mm	Simport	M476-1	
Bond polymer Refine Red	Leica Biosystems	DS9390	
Brass block	BVG	custom-designed	Circular 10 mm in diameter
Buprenorphine (BUPRECARÉ)	Axience	FR/V/6328396 3/2011	administered subcutaneously at a dose of 0.05 µg/ g
Burning apparatus Kausistar 400	TraçaMatrix	34010	
CaseViewer	3DHISTECH Ltd.		3Dhistech, Budapest, Hungary
Collagen I antibody	Abcam	ab34710	Recommended concentration 1:50; 1:200
D-(+)- glucose (Dextrose)	Sigma Aldrich	G-8769-100 ml	
DAB	Leica Biosystems	AR9432	
Digital camera	NIKON	D3400	objective: SIGMA 18-250mm F3.5-6.3 DC MACRO C45
Depilating cream	Veet		
Disposable scalpels	Swann Morton	6601	
DPBS	PAN biotech	P04-36300	
Ethanol absolute	VWR chemicals	20821.310	
Fibronectin antibody	Abcam	ab23750	Recommended dilution 1:1000
Filter 0.22µm	Sartorius	16532	
Fine Scissors	F.S.T.	14094-11	
Forceps Dumont	F.S.T.	11295-10	
Hair clippers	AESULAP	B00VAQ4KUY (ISIS)	

Heating pad	Petelevage	120070	
Isofluorane	Piramal healthcare	FR/V/03248850/2011	
Ketamine	Imalgene	FR/V/0167433 4/1992	surgical anesthetic, administered intraperitoneally at a dose of 100mg/kg
Lactated Ringers solution	Flee-Flex	1506443	
Lamina multilabel slide scanner	Perkin Elmer		
LAS software	Leica		version 2.7.3
Leica Bond III	Leica Biosystem	1757	
Leukosilk dressing	BSN medical	72669-01	
Lidocaine	Aguettant	N01BB02	local analgesic, administered subcutaneously at a dose of 0.05 µg/g
Manometer	Kern	HDB-5K5	
Masson Trichrome Staining kit	Sigma-Aldrich	HT15-1KT	
Micromesh Biopsy cassettes	Simport	M507	
Multiphoton inverted stand Leica SP5 microscope	Leica microsystems	DM500	Scanner 8000Hz NDD PMT detectors
Non adhering dressing Adaptic	Systagenix	A6222	12.7cm X 22.9 cm
Ocrygel	Tvm France	###	
Paracetamol 300mg	Dolliprane	Liquiz	
Paraformaldehyde 4%	VWR chemicals	1169945	
Povidone-iodine	MEDA pharma	D08AG02	diluted to 1:2
SKH1-Hrhr mouse	Charles river	686SKH1-HR	6-weeks old
Slides	Thermoscientific	AGAA000080	
Surgical adhesive	BSN medical	9927	
Sterile Gauze	Hartmann	418545/9	10 X 10 cm
Sterile water	Versylene Fresenius	B230521	
Surgical drape	Hartmann	2775161	
Ti:Sapphire ChameleonUltra	Coherent	DS 16-02-16 F	690-1040 nm
Thermal imaging Camera	Testo	Testo 868	
Xylazine (Rompum 2%)	Bayer	FR/V/ 8146715 2/1980	surgical anesthetic, administered intraperitoneally at a dose of 10 mg/kg