

Materials List for:

Corneal Epithelial Abrasion with Ocular Burr As a Model for Cornea Wound Healing

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Materials

Name	Company	Catalog Number	Comments
NMRI mouse	Envigo	275	
0.9% NaCl			use sterile
Medetomidine	Vetmedic	Vnr087896	Market name: Cepetor Vet
Ketamine	Intervet	Vnr511485	Market name: Ketaminol Vet
Buprenorfin	Invidior	3015248	Market name: Temgesic
Atipamezol	Orion Pharma	Vnr471953	Market name: Antisedan Vet
Carprofen	Norbrook	Vnr027579	Market name: Norocarp Vet
1% fucidin acid eye ointment	Dechra	Vnr080899	Market name: Isathal
Fluorescein salt	Sigma-Aldrich	F6377	
Phosphate-buffered saline solution			PBS
Algerbrush ii ocular burr (0.5 mm tip)	Algerbrush	6.39768E+11	
Cobalt Blue pen light	SP Services	DE/003	
Hot plate	Kunz Instruments	2007-0217	
Digital SLR camera	Nikon	D80	
Adjustable camera arm and clamp	Neewer	10086132	Height 28 cm
Table lamp with a flexible arm and a clamp	Prisma		
Soft wipe	KimtechScience	7552	
CO2 chamber			
Dissection toolset	Fine Science Tools		
Syringes	Beckton Dickinson	303172	
26G needles	Beckton Dickinson	303800	
2 mL Eppendorf tube	Sarstedt	689	
Tissue cassette	Sakura Finetech	4118F	
Tissue processing machine ASP200S	Leica		
Xylene	VWR	UN1307	
Paraffin wax	Millipore	K95523361	
Tissue embedding mold 32 x 25 x 6 mm	Sakura Finetech	4123	
Microtome	Microm	HM355	
Water bath for sectioning	Orthex	60591	
Water bath for sectioning	Leica	HI1210	

Microtome blade	Feather	S35	
Glass slide	Th.Geyer GmbH & Co.	7,695,019	
Ultrapure water	Millipore	MPGP04001	MilliQ
Paraformaldehyde	Sigma-Aldrich	158127	PFA