

A Mouse Model for Corneal Neovascularization by Alkali Burn

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jove.com/video/65289

Materials

Name	Company	Catalog Number	Comments
0.9% Sodium Chloride Injection	Hospira	KL-7302	
30 G Needle	McKesson	16-N3005	
A1R Confocal	Nikon Instruments		
Anti-CD31	Novus Biologicals	NB100-1642R	
Anti-LYVE-1	Life technologies	53-0443-82	
ASM Module	Heidelberg Engineering		Anterior segment objective
Biopsy Punch	McKesson	16-1309	
BSA	Thermoscientific	9048-46-8	
Coverslip	VWR International	22X22-1-601640G	
Dissection Microscope	AmScope	SM-4TZ-30WY-10M3	
Fluoromount-G	Electron Microscopy Sciences	17984-25	
Forceps	Fine Science Tools	15000-02	
Forceps	Fine Science Tools	11049-10	
Forceps	Fisherbrand	12-000-157	
Forceps	Roboz	RS-4905	
Gonak Hypromellose	Akorn	17478006412	
GraphPad Prism 9	GraphPad Software, Inc		
Heating pad	K&H Pet Products	100213018	
Hoescht	Life Technologies	62249	
HRA + OCT Spectralis	Heidelberg Engineering		
Insulin Syringe	McKesson	102-SN310C31516P	
Kimwipe	Kimberly Clark Professional	34155	
Micro Cover Glass	VWR	48366-067	
Microscissors	Roboz	RS-5110	
Microscopic Slide	Fisherbrand	12-550-15	
NaOH	Sigma Aldrich	55881-500G	
Neomycin and Polymyxin B Sulfates and Dexamethasone	Bausch & Lomb	24208-0795-35	

Normal Serum	Jackson Immuno	008-000-121	
Paraformaldehyde	Sigma Aldrich	158127-500G	
PBS	Gibco	20012-027	
Proparacaine HCl	Bausch & Lomb	24208073006	
Saline	Henry Schein	1531042	
SMZ125	Nikon Instruments		
Syringe 10 mL	McKesson	16-S10C	
Triton X-100	Sigma Aldrich	TX1568-1	
Whatmann Filter Paper	Cytiva	WHA1003323	