

Materials List for

A Preclinical Controlled Cortical Impact Model for Traumatic Hemorrhage Contusion and Neuroinflammation

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URL

jove.com/video/61393

Materials

Name	Company	Catalog Number	Comments
4mm Short Trephine Drill	Salvin Dental Specialties, Inc.	TREPH-SHORT-4	
anti-Iba1 antibody	Wako chemicals	#019-19741	
anti-Ly76 antibody	abcam	ab91113	
carboxylate cement	3M	70201136010	
cortical contusion injury impactor	Custom Design & Fabrication, Inc.	S/N 49-2004-C, eCCI Model 6.3	CCI device (S/N 49-2004-C, eCCI Model 6.3)
cresyl violet acetate	Sigma-Aldrich	C5042	
DAB staining kit	Vector	SK-4105	
goat anti-rabbit IgG secondary antibody, Alexa Fluor 488	Invitrogen	A11034	
goat anti-rat IgG secondary antibody, Alexa Fluor 594	Invitrogen	A11007	
Mayer's Hematoxylin	ScyTek	HMM500	
tweezers	fine science tools	11252-20 NO. 5	
isoflurane	Panion & BF Biotech Inc.		
lithium carbonate	Sigma-Aldrich	62470	
steriotaxic frame	stoelting		
scissors	fine science tools	14068-12	
solvent blue 38	Sigma-Aldrich	S3382	