

Materials List for:

# Intravital Imaging of Intraepithelial Lymphocytes in Murine Small Intestine

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## Materials

Name	Company	Catalog Number	Comments
35 mm dish, No. 1.5 Coverslip	MatTek	P35G-1.5-14-C	
Alexa Fluor 633 Hydrazide	Invitrogen	A30634	
BD PrecisionGlide Hypodermic needles - 27 G	Thermo Fisher Scientific	14-826-48	
BD Slip Tip Sterile Syringe - 1 mL	Thermo Fisher Scientific	14-823-434	
BD Tuberculin Syringe	Thermo Fisher Scientific	14-829-9	
Dissecting scissors	Thermo Fisher Scientific	08-940	
Electrocautery	Thermo Fisher Scientific	50822501	
Enclosed incubation chamber	OKOLAB		Microscope
Eye Needles, Size #3; 1/2 Circle, Taper Point, 12 mm Chord Length	Roboz	RS-7983-3	
Hank's Balanced Salt Solution	Sigma-Aldrich	55037C	
Hoechst 33342	Invitrogen	H3570	
Imaris (v. 9.2.1) with Start, Track, XT modules	Bitplane		Software
Inverted DMI8	Leica		Microscope
IQ3 (v. 3.6.3)	Andor		Software
Ketamine	Putney		Anesthesia
Kimwipes	VWR	21905-026	
McPherson-Vannas scissors 3" (7.5 cm) Long 5 x 0.15 mm Straight Sharp	Roboz	RS-5600	
Non-absorbable surgical suture, Silk Spool, Black Braided	Fisher Scientific	NC0798934	
Nugent Forceps 4.25" (11 cm) Long Angled Smooth 1.2 mm Tip	Roboz	RS-5228	
Puralube Vet Ointment	Dechra		Lubricating Eye Ointment
Spinning disk Yokogawa CSU-W1 with a 63x 1.3 N.A. HC PLAN APO glycerol immersion objective, iXon Life 888 EMCCD camera, 405 nm diode laser, 488 nm DPSS laser, 640 nm diode laser	Andor		Confocal system
Xylazine	Akorn		Anesthesia