

Materials List for:

In vivo Two-Color 2-Photon Imaging of Genetically-Tagged Reporter Cells in the Skin

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Materials

Name	Company	Catalog Number	Comments
10x PBS, 4 L	Fisherbrand	BP3994	
700 Series MICROLITER Syringes, Hamilton, Model 705 LT Syringe	Hamilton	80501	
BD Precision Glide Needle 30G	VWR	305106	
Blue Pad	Fisherbrand	1420665	
Filter Cube: Green/Red (BP 495-540 DM570 BP 575-645)	Olympus	FV30-FGR	
Isoflurane, USP 250 mL	Vedco	50989-150-15	
Lipopolysaccharides from Escherichia Coli O111:B4 - FITC conjugate	Sigma-Aldrich	F3665-1MG	
Main scanner laser: Spectra Physics INSIGHT DS+ -OL pulsed IR LASER, tunable from 680 nm to 1300 nm, 120 fs pulse width at specimen plane	Spectra Physics		
Micro Centrifuge Tubes, 1.5 mL	VWR	20170-333	
Multiphoton Microscope: Olympus MPE-RS TWIN	Olympus	MPE-RS TWIN	
Objective: Ultra 25x MPE water-immersion objective 1.05 NA, 2 mm WD	Olympus	XLPLN25XWMP2	
Personal Lubricant Jelly (Gel)	equate	ZH727 2E F1	
SGM-4 Stereotaxic Apparatus	Narishige	16030	
SomnoSuite Low-Flow Anesthesia System	Kent Scientific Corporation	SS-01	
Stimulation laser: Olympus-specific SPECTRA PHYSICS MAI TAI HP DEEP SEE-OL pulsed IR LASER, tunable from 690 nm to 1040 nm, 100 fs pulse width at specimen plane	Spectra Physics		