

Materials List for:

Intra-lymph Node Injection of Biodegradable Polymer Particles

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Materials

Name	Company	Catalog Number	Comments
1,2-dioleoyl- <i>sn</i> -glycero-3-phosphocholine1,2-dioleoyl- <i>sn</i> -glycero-3-phosphocholine (DOPC)	Avanti Polar Lipids	850375	10 mg/ml stock in chloroform
1,2-distearoyl- <i>sn</i> -glycero-3-phosphoethanolamine-N-[amino(polyethylene glycol)-2000] ammonium salt (DSPE-PEG)	Avanti Polar Lipids	880128	10 mg/ml stock in chloroform
1,2-Dioleoyl-3-trimethylammonium-propane chloride salt (DOTAP)	Avanti Polar Lipids	890890	10 mg/ml stock in chloroform
Poly(lactic-co-glycolic acid) (PLGA)	Sigma-Aldrich	P2191	Lactide:Glycolide (50:50). MW 30,000-60,000
Dichloromethane (DCM)	VWR	BDH1113	
Isoflurane	Vetone	502017	
Nair	Nair		
Evans blue tracer dye	VWR	AAA16774-09	
U-100 BD Ultra-Fine Short Insulin Syringes, 31 G 5/16 in needle	VWR	BD328418	
Single-Use Needles, BD Medical, 21 G, 1.5 in needle	VWR	BD305167	
Syringes with BD Luer-Lok Tip, BD Medical, 1 ml	VWR	BD309628	
Falcon Cell Strainers, Sterile, Corning, 40 µm	VWR	21008-949	
Vybrant DiD Cell-Labeling Solution	Invitrogen	V-22887	
Fluoresbrite YG Microspheres 6.00 µm	Polysciences	17149	
Fluoresbrite YG Microspheres 0.05 µm	Polysciences	17156	
Ovalbumin, Purified	Worthington Biochemical	LS003056	
Qsonica Sonicator Ultrasonic Processor Q125	Qsonica	Q125	1/8 in diameter microtip probe
Ultra-Turrax T 25 digital homogenizer	IKA	YO-04739-22	10 G dispersing element
Fluorescent Microscope	Olympus	IX-83	
Laser Diffraction Particle Size Distribution Analyzer	Horiba	LA-950	Including provided cuvette-style glass fraction cell
Professional 8685 Peanut Classic Clippers	Wahl		