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Materials List for

Measurement of Strial Blood Flow in Mouse Cochlea Utilizing an Open Vessel-Window and Intravital Fluorescence Microscopy

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Materials

Name	Company	Catalog Number	Comments
0.9% Sodium Chloride	Hospira	NDC 0409-1966-02	0.6 mL (for 1 mL)
1,1′-Dioctadecyl-3,3,3′,3′-tetramethylindocarbocyanine perchlorate	Sigma Aldrich	468495	20 μM
3,3′-Dioctadecyloxacarbocyanine perchlorateDio (3,3′-Dioctadecyloxacarbocyanine perchlorate	Sigma Aldrich	D4292	20 μM
CODA Monitor system	Kent scientific		CODA Monitor, for monitoring blood pressure and heartbeat
Coverslip	Fisher Scientific	12-542A	
DC Temperature Controller	FHC	40-90-8D	
Fiji/ImageJ	NIH		Measurement of vessel diameter
FITC-dextran (2000 kDa)	Sigma Aldrich	FD2000s	40 mg/mL
Heparin Sodium Injection, USP MDV	Mylan	NDC 67457-374-12	5000 USP units/mL
Katathesia (100 mg/mL)	Henry Schein	NDC 11695-0702-1	0.2 mL (for 1 mL)
Microscope Objective	Mitutoyo	378-823-5	Model: M Plan Apo NIR 10x
ORCA-ER Camera	Hamamatsu		Model: C4742-80-12AG
PBS	Gibco	2085387	
Xyzaine (100 mg/ml, 5x diluted for use)	Lloyd	LPFL04821	0.2 mL (for 1 mL)
Zoom Stereo Microscope	Olympus		Model: SZ61, fluorescent microscope