

Materials List for:

En Face Detection of Nitric Oxide and Superoxide in Endothelial Layer of Intact Arteries

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Materials

Name	Company	Catalog Number	Comments
Dihydroethidium (DHE)	Invitrogen	D 1168	dissolve with DMSO to 5 mmol/L as 1,000x stock, stored at -20 °C
Diaminofluorescein-2 Diacetate (DAF-2DA)	Calbiochem	251505	dissolve with DMSO to 5 mmol/L as 1,000x stock, stored at -20 °C
4',6-diamidino-2-phenylindole (DAPI)	Invitrogen	D 1306	dissolve with water to 300 µmol/L as 1,000x stock, stored at 4 °C
Mounting medium	Vector labor. (reactolab)	H-1000	
N _ω -Nitro-L-arginine methyl ester hydrochloride (L-NAME)	Sigma-aldrich	N5751	
Pentobarbital	Sigma-aldrich	P3636	
Multi-Myograph System	Danish Myo Technology A/S	Model 610M	
Microscope	Nikon	SMZ800	
Confocal microscope	Leica	DM6000	
Image processing software	National Institute of Health (NIH)	Image J	
Surgical scissors	S&T AG	SDC-11	
Microsurgical scissors	F.S.T	15000-01	
Forceps	S&T AG	JF-5	
Coverslip round diameter 15 mm	VWR	631-1579	
Tips 1 ml	VWR	RFL-1200c	
Tips 200 µl	VWR	613.0659	
Eppendorf Safe-Lock Tubes 1.5 ml	Eppendorf	30120086	
Acetylcholine chloride	Sigma-aldrich	A-6625	