

Materials List for:

Microiontophoresis and Micromanipulation for Intravital Fluorescence Imaging of the Microcirculation

Pooneh Bagher¹, Luis Polo-Parada^{1,2}, Steven S. Segal^{1,2}

¹Department of Medical Pharmacology and Physiology, University of Missouri

²Dalton Cardiovascular Research Center, University of Missouri

Correspondence to: Steven S. Segal at segalss@health.missouri.edu

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Materials

Name	Company	Catalog Number	Comments
Borosilicate Glass Capillary Tubes	Warner Instruments	GC120F-10	
Horizontal Pipette Puller	Sutter Instrument Co.	model P-97	
Acetylcholine Chloride	Sigma-Aldrich	A6625	
adapter for Luer hub	Martech	AC1343	To secure microcapillary tubing
0.2 µm Nylon Titan filter	Sun Sri	42204-NN	Low retention volume to minimize loss
5 ml syringe	BD Biosciences	309603	
Pipette Holder	Warner Instruments	E45W-M12VH	
Silver Wire	Warner Instruments	AG10W	0.25mm diameter
3-axis micromanipulator	Siskiyou, Inc.	DT3-100, MXB, MXC, MGB/8	Components for manipulator as shown
microiontophoresis current programmer	World Precision Instruments, Inc.	Model 260	
trigger device	Custom	custom	circuit provided in Suppl. Figure 1
stainless steel plate	McMaster-Carr	1/8" X 12" X 12"	According to design
Intensified Digital Camera	Stanford Photonics Inc	XR/Mega-10	Integrated with Piper Control software