

Materials List for:

The Mouse Cremaster Muscle Preparation for Intravital Imaging of the Microcirculation

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URL: <https://www.jove.com/video/2874>

DOI: [doi:10.3791/2874](https://doi.org/10.3791/2874)

Materials

Name	Company	Catalog Number	Comments
Sodium Chloride	Fisher Scientific	S642-212	
Potassium Chloride	Sigma-Aldrich	P9541	
Magnesium Sulfate	Sigma-Aldrich	M2643	
Calcium Chloride	Sigma-Aldrich	C1016	
Sodium Bicarbonate	Fisher Scientific	S233	
Nembutal Sodium Solution	Lundbeck Inc	NDC 67386-501-55	Also referred to as sodium pentobarbital
Temperature Controller	Warner Instruments	TC-344B	Alternate: adjustable 12V DC power supply
Series 20 platform heater kit RH-2	Warner Instruments	64-0274	Requires custom-built aluminum plate
Mega-10 Camera	Stanford Photonics Inc	XR/Mega-10	
MVX10	Olympus Corporation		
MV PLAPO 2XC lens	Olympus Corporation		
MVX10 hybrid stand	Leeds	LBX-Hybrid	
Piper Control Software	Stanford Photonics Inc		Program for Mega-10 camera
Stereo Microscope	Nikon Instruments	SMZ645	
Waterproof Silicone Sealant (Clear)	GE Healthcare	47970-72643-LW5000	Other clear silicone sealants also work
60 x 15mm Petri Dish	Fisher Scientific	08-757-13A	
Sylgard	Dow Corning	184	
Microdissection Scissors	Fine Science Tools	15003-08	
Dumont Forceps	Fine Science Tools	#5/45	
GP Millipore Express PLUS Membrane	EMD Millipore	SCGPT05RE	
Minutiens Insect Pins	Austerlitz	M size 0.15 mm	
Compact Pet Trimmer	Wahl Clipper Corp.	Model 9966	Clean after each use