

Materials List for

Using 2-Photon Microscopy to Quantify the Effects of Chronic Unilateral Ureteral Obstruction on Glomerular Processes

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Materials

Name	Company	Catalog Number	Comments
70 µm sterile cell strainer	Corning	#421751	
100 µm sterile cell strainer	Corning	#421752	
CA Micro scissors Model 1C300	Electron Microscopy Sciences	Cat# 72930	
Electric heating pad	Sunbeam	Kroger	
Handling Forceps	Electron Microscopy Sciences	Cat# 72962	
Kelly Hemostatic Forceps (straight)	Electron Microscopy Sciences	Cat#72930	
Leica Dive SP-8 Multi-Photon Inverted Microscope	Leica Microsystems	Note: Version 7.1r1	
MaiTai DeepSee titanium-sapphire laser	Spectra-Physics	NA	
Mayo Dissecting Scissors	Electron Microscopy Sciences	Cat# 78180-1C3	
Metamorph Image processing Software	Molecular Dynamics	Cat# 78266-04	
Microsoft Excel	Microsoft Corporation	2007 version	
Quant-iT RNA Assay Kit	Invitrogen/ThermoFisher	Q33140	
Reptitherm Undertank Heater	Zoomed	Amazon	
RNeasy MinElute Cleanup Kit (Spin columns)	Qiagen	74204	
RPE buffer	Qiagen	1018013	
Strate-Line Autoclave Tape	Fisher Scientific	Cat# 11-889-1	
TRI Reagent	Sigma	T9424	
Willco-dish Coverslip Bottom Dishes (50 mm/40 mm coverslip)	Electron Microscopy Sciences	Cat# 70665-07	