

Materials List for:

Bladder Smooth Muscle Strip Contractility as a Method to Evaluate Lower Urinary Tract Pharmacology

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Name	Company	Catalog Number	Comments					
Equipment	Equipment							
Tissue Bath System with Reservoir	Radnoti, LLC	159920	isolated tissue baths					
Warm water recirculator pump	Kent Scientific Corporation	TPZ-749	to keep tissue baths to 37 °C					
Computer								
Data Acquisiton System	DataQ Instruments	DI-710-UH	To view, record and analyze data					
Transbridge Transducer Amplifier	World Precision Instruments	SYS-TBM4M	Transducer amplifier					
Grass stimulator	Grass Technologies	Model S88	Stimulator					
Anesthesia System	Kent Scientific Corporation	ACV-1205S	To anesthetesize the animal					
Anesthetizing Box	Harvard Apparatus	500116	To anesthetesize the animal					
Anesthesia Masks	Kent Scientific Corporation	AC-09508	To anesthetesize the animal					
Materials and Surgical Instruments								
Sylgard	Dow Corning Corp	184 SIL ELAST KIT	To pin, dissect, & cut tissue					
Petri Dish	Corning	3160-152	To dissect/cut tissue					
Insect Pins	ENTOMORAVIA Austerlitz Insect Pins	Size 5	To pin tissue					
Bench Pad	VWR International	56617-014	Absorbent bench underpads					
Rat surgical Kit	Kent Scientific Corporation	INSRATKIT	To remove and dissect tissue					
2 Dumont #3 Forceps	Kent Scientific Corporation	INS500064	To remove and dissect tissue					
Tissue Forceps	Kent Scientific Corporation	INS500092	To remove and dissect tissue					
Scalpel	Kent Scientific Corporation	INS500236	To remove and dissect tissue					
Scalpel blade	Kent Scientific Corporation	INS500239	To remove and dissect tissue					
Professional Clipper	Braintree Scientific, Inc.	CLP-223 45	To remove fur					
Suture Thread	Fine Science Tools	18020-50	Tie tissue					
Tissue Clips	Radnoti, LLC	158802	Attach tissue to rod/transducer					
1 g weight	Mettler Toledo	11119525	For transducer calibration					
Chemicals								
Krebs Solution: Sodium chloride Potassium chloride Monobasic potassium phosphate Magnesium sulfate Dextrose Sodium bicarbonate Calcium chloride Magnesium chloride	Sigma Fisher Fisher Fisher Fisher Sigma EMD Baker	S7653 P217-500 P285-3 M65-500 D16-500 S5761 CX0130-2 2444	To prepare Krebs solution					
Isoflurane	Henry Schein	029405	To anesthetesize the animal					

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Oxygen tank	Matheson Tri Gas	ox251	To use with anesthesia system
Carbogen Tank (95% Oxygen; 5% Carbon Dioxide)	Matheson Tri Gas	Moxn00hn36D	To aerate Krebs solutions