

Materials List for:

Contractility Measurements of Human Uterine Smooth Muscle to Aid Drug Development

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Materials

Name	Company	Catalog Number	Comments
Origin software	Origin Lab		2015 version
Labscribe Software	WPI		Formally Datatrax
GraphPad Prism graphical software	GraphPad Prism		PRISM 5
LabTrax 4-Channel Data Acquisition	WPI	LAB-TRAX-4	
Transbridge Transducer Amplifier	WPI	SYS-TBM4M	
Force-displacement Transducer	WPI	FORT10g	10 g
BNC to BNC Cable	WPI	500184	
Magnetic Clamp stand	WPI	M10	
Micrometer	Reconditioned from microscopes		
Peristaltic pump	Gilson	MINIPULS3	R4 Standard pump head
Suction pumps	Various	AP2 air pump	
Circulating Water bath	Grant Instruments	TC120	5L
Perspex Tissue Bath	Custom made		
Water reservoir container	the reallyusefulbox		7L
Tissue Hooks (fixed)	Hand made in house		
Peristaltic tubing	Gilson	F117948	PVC 2.79 mm internal diameter
Tygon Tubing	Fisher Scientific	various diameters	R-3603
Aluminium clips	Laser services, USA	custom made	
Stereo Zoom binocular microscope	WPI	PZMIV	
Microscope Fiber-optic Light Source	WPI	PHOTONIC PL 2000	
Dissecting Dishes	Handmade with Sylgard		
Sylgard Silicone Elastomer kit	Dow Corning		Sylgard 170 Kit
Vannas Scissors	WPI	50086	8.5 cm, straight edge
Iris Forceps	WPI	15914	10 cm, straight edge (serrated)
Dissecting scissors	WPI	14393	10 cm, straight
Dissecting pins	SIGMA	Z192341	B-D precision guide syringe needle 30G
HBSS	SIGMA	H9269	

Physiological Salt Solution	SIGMA	various	PSS
Oxytocin acetate salt	SIGMA	O6379	
[Arg8]-vasopressin acetate salt	SIGMA	V9879	