

Materials List for:

# Carotid Artery Infusions for Pharmacokinetic and Pharmacodynamic Analysis of Taxanes in Mice

Joely D. Jacobs<sup>1</sup>, Elizabeth A. Hopper-Borge<sup>1</sup>

<sup>1</sup>Program in Developmental Therapeutics, Fox Chase Cancer Center

Correspondence to: Elizabeth A. Hopper-Borge at [Elizabeth.Hopper@fcc.edu](mailto:Elizabeth.Hopper@fcc.edu)

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## Materials

Name	Company	Catalog Number	Comments
Polyethylene tubing 0.024" OD X 0.011" ID	Braintree Scientific, Inc.	PE10	
3 Blunted needles (30 gauge)	Braintree Scientific, Inc.	NB-30	
Stainless steel port plug (28 gauge)	Braintree Scientific, Inc.	PP-28	Slightly larger than PE tubing ID, to fit snugly and keep a tight seal.
2 Stainless steel connector plugs (30 gauge)	Braintree Scientific, Inc.	C-30	
Three 1 cc syringes	Becton, Dickinson and Co.	309659	
Sterile 0.9% Saline solution	Hospira	0409-7984-37	
Cath-Loc HGS Heparin/Glycerol Solution	Braintree Scientific, Inc.	HGS	
Silk suture	Braintree Scientific, Inc.	SUT-S 113	
Vanna Scissors (micro-scissors)	World Precision Instruments	14122	This model has a curved tip, but straight-tip scissors work as well.
Hartman Mesquito Hemostatic Forceps	World Precision Instruments	501705	
Betadine Swabsticks	Perdue Products L.P.	BSWS1S	
Bupivacaine	Hospira	0409-1160-01	May be replaced with Lidocaine, or similar local anesthesia.
Paclitaxel	LC Laboratories	P-9600	
Methanol	Sigma-Aldrich	32213	
Micro-Hematocrit Capillary Tubes, Heparinized	Fisher Scientific	22-362-566	
Micro Capillary Tube Sealant	Fisher Scientific	02-678	
C57BL/6J mice	Fox Chase Cancer Center, Laboratory Animal Facility in-house-bred		
API 4000 Q-Trap mass spectrometer	Applied Biosystems		