

Materials List for:

# Rat Mesentery Exteriorization: A Model for Investigating the Cellular Dynamics Involved in Angiogenesis

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## Materials

Name	Company	Catalog Number	Comments
Drape	Cardinal Health	4012	12"x12" Bio-Shield Regular Sterilization Wraps
Noyes Micro Scissor	Roboz Surgical Instruments Co.	RS-5677	Noyes Micro Dissecting Spring Scissors; Straight, Sharp-Blunt Points; 13mm Cutting Edge; 0.25mm Tip Width, 4 1/2" Overall Length
Graefe Forcep	Roboz Surgical Instruments Co.	RS-5135	Micro Dissecting Forceps; Serrated; Slight Curve; 0.8mm Tip Width; 4" Length
Graefe Forcep	Roboz Surgical Instruments Co.	RS-5130	Micro Dissecting Forceps; Serrated, Straight; 0.8mm Tip Width; 4" Length
4-0 suture	Ethicon Inc.	699G	(1.5 metric) ETHILON Nylon Suture Black Monofilament
5-0 suture	Ethicon Inc.	8556	(1.0 metric) PROLENE Polypropylene Suture Blue Monofilament
7-0 suture	Ethicon Inc.	1647G	(0.5 metric) ETHILON Nylon Suture Black Monofilament
Castroviejo Micro Needle Holder	Fine Science Tools	12060-02	Tip Width:0.6mm Clamping Length:5mm Length:9cm Straight tip
Castroviejo Needle Holder	Fine Science Tools	12565-14	Tip Shape: Straight Tip Width:1.5mm Clamping Length:10mm Scissors: No Lock: Yes Length:14cm Serrated: Yes
Scalpel Handle	Roboz Surgical Instruments Co.	RS-9843	Scalpel Handle, #3; Solid; 4" Length
Sterile Surgical Blade	Cincinnati Surgical	0110	Stainless Steel; Size 10
Petri Dish	Fisher Scientific	08-757-13	Beveled Ridge, Slippable
<b>Table of Specific Surgical Materials and Tools.</b>			
Beuthanasia	Merck & Co.	MWI #: 011168	Active Ingredient: Per 100mL, 390 mg pentobarbital sodium, 50mg phenytoin sodium
Ketamine	Fort Dodge Animal Health	MWI #: 000680	Kateset 100 mg/ml
Xylazine	Lloyd, Inc.	MWI #: 009307	Anased 100 mg/ml (Ordered from MWI Veterinary Supply)

Saline	Hospira Inc.	94-217-JT	
PBS	Sigma-Aldrich	011M8207	
Saponin	Sigma-Aldrich	BCBB4080	
PECAM (CD31)	BD Biosciences	553371	
Streptavidin-CY3	Jackson ImmunoResearch	016-160-084	
BSA	Jackson ImmunoResearch	096555	
VECTASTAIN Elite ABC	Vector Laboratories	PK-6100	
Vector Nova Red	Vector Laboratories	SK-4800	
VectaMount	Vector Laboratories	H-500	
<b>Table of Specific Reagents</b>			