

Materials List for:

Co-transplantation of Human Ovarian Tissue with Engineered Endothelial Cells: A Cell-based Strategy Combining Accelerated Perfusion with Direct Paracrine Delivery

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Materials

Name	Company	Catalog Number	Comments
Leibovitz's L-15 medium	Gibco	11415064	
Antibiotic-Antimycotic	Gibco	15240062	Anti-Anti X100
Sucrose	Sigma	S 1888	
Fibrinogen	Sigma	F 8630	from bovine plasma
Thrombin	Sigma	T 1063	from human plasma
DMSO	Sigma	D 2650	
DMEM	Gibco	12491015	
Enzyme Cell Detachment Medium	Invitrogen	00-4555-56	Accutase
Plastic paraffin film	Bemis NA		Parafilm M
Surgical paper tape 2.5 cm	3M	1530-1	Micropore
Surgical Paper tape 1.25 cm	3M	1530-0	Micropore
Perforated plastic Surgical tape 1.25 cm	3M	1527-0	Transpore
Monofilament Absorbable Suture	Covidien	UM-203	Biosyn
Braided Absorbable Suture	Covidien	GL-889	Polysorb
Povidone-iodine Solution USP 10%	Purdue Products	67618-153-01	Betadine Solution Swab Stick
Cryoviales	Nunc	377267	CryoTube
sterile ocular lubricant	Dechra	17033-211-38	Puralube
1.7 ml micro-centrifuge tube	Denville	C-2172	Eppendorf
Anesthesia system	VetEquip	V-1 table top system with scavenging	
Endothelial cells	Angiocrine Biosciences, Inc., San Diego, CA, USA		Isolated, transfected with E4-ORF-1 and labeled endothelial cells
Trichrome stain	Sigma	HT15-1kt	Trichrome Stain (Masson) Kit
Isolectin	Invitrogen	I32450	isolectin GS-IB4 From Griffonia simplicifolia, Alexa Fluor™ 647 Conjugate