

Materials List for:

An Orthotopic Bladder Cancer Model for Gene Delivery Studies

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Materials

Name	Company	Catalog Number	Comments
Name of reagent	Company	Catalog number	Comments
6-8 week old female mice	Jackson Laboratories	Strain Name: C57BL/6J Stock Number: 000664	
Trypsin*	MediaTech	MT25-053-CI	Obtained through Fisher
DMEM*	MediaTech	MT10-017-CV	Obtained through Fisher
FBS	Hyclone	SH30071.03	Heat-inactivated
T25 flasks*	Corning Costar	Corning No.:3056 Fisher: 07-200-63	Obtained through Fisher
MB49 cells	N/A	N/A	Obtained from Dr. Boehle (see reference ¹¹)
Puralube Vet Ointment*	Pharmaderm	Henry Schein Company No.:036090-6050059 Fisher: NC9676869	Obtained through Fisher
Depilatory cream: Veet	local pharmacy		
Lubricant: K-Y Jelly	local pharmacy		
Catheters*	Exel International	Exel International No.:26751; Fisher: 14-841-21	Obtained through Fisher
Isoflurane	Terrell	NDC 66794-011-25	Obtained though hospital pharmacy
1 ml slip tip TB syringes	Becton Dickinson	BD309659 Fisher:14-823-434	
D-Luciferin	Gold Biotechnologies	L-123-1	
Ad-CMV-Luc	VectorBiolabs	1000; Request large scale amplification and CsCl purification for <i>in vivo</i> use	Infectious agent that requires BSL2 containment

Steady-Glo Luciferase Assay System	Promega	E2510 (10 ml), E2520 (100 ml), or E2550 (10 x 100 ml)	
*available through multiple vendors			
EQUIPMENT			
Anesthesia system	E-Z Systems, Euthanex Corporation	Anesthesia system: EZ7000 5-port mouse rebreathing device: EZ109	Obtained through Fisher
Xenogen IVIS 200	Caliper Life Sciences	http://www.caliperls.com/products/preclinical-imaging/ivis-imaging-system-200-series.htm	
FLUOstar Optima	BMG Labtech	http://www.bmglabtech.com/products/microplate-reader/instruments.cfm?product_id=2	