

Materials List for:

A Bioluminescent and Fluorescent Orthotopic Syngeneic Murine Model of Androgen-dependent and Castration-resistant Prostate Cancer

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Materials

Name	Company	Catalog Number	Comments
Myc-CaP cell line	ATCC	CRL-3255	Verify as mycoplasma-free before use
Micro-dissecting scissors	Roboz	RS-5910	
Graege forceps	Roboz	RS-5135	
Graefe tissue forceps	Roboz	RS-5150	
Olsen-Hegar needle holder with suture cutters	FST	12002-12	
50 µL Syringe 705 RN SYR	Hamilton	7637-01	Sterilize by ethylene oxide gas
28-gauge Needles Small Hub RN	Hamilton	7803-02	Point style 4, Angle 45°, Length 0.75 in. Sterilized by ethylene oxide gas
RPMI	Gibco	18875-093	
FBS	Gibco	10437-028	
Pencillin/Streptomycin	Gibco	15140-122	
PBS	Gibco	14190-144	
0.25% trypsin-EDTA	Gibco	25200-056	
Matrigel basement membrane matrix, phenol red-free, LDEV-free	Corning	356237	Thaw on ice in 4°C overnight before use
Isoflurane	Henry Schein	11695-0500-2	Acquired from Northwestern University Center for Comparative Medicine (CCM)
26 5/8-gauge syringe	BD	309597	For meloxicam and buprenorphine injections
Buprenorphine hydrochloride 0.3 mg/mL		12496-0757-5	Controlled substance, acquired from Northwestern University CCM
Ophthalmic ointment lubrication	Akron	17478-162-35	
Betadine surgical scrub (povidone-iodine, 7.5%)	Purdue Products	67618-151-16	
Sterile non-adhering pads	Moore Medical	10775	
Sterile alcohol wipes	Fisher Scientific	22-363-750	
Surgical microscope Stemi DV4	Zeiss		
Sterile polyester tipped applicators	Puritan	25-806 1PD	
5-0 vicryl absorbable reverse cutting needle sutures	eSutures	J493G	

4-0 nylon monofilament non-absorbable reverse cutting needle sutures	eSutures	699H	
Glass bead sterilizer	Fine Science Tools	18000-45	
Sterile saline 0.9% sodium chloride	Hospira	0409-4888-02	
Meloxicam (Eloxject) 5 mg/mL	Henry Schein	11695-6925-1	Acquired from Northwestern University CCM
D-luciferin Firefly, sodium salt monohydrate	Goldbio	LUCNA	
IVIS Spectrum Imaging System	PerkinElmer		
Cauery surgical pen	Bovie Medical Corporation	AA01	
CD3ε antibody (clone 2GV6)	Ventana	790-4341	
Caliper	Fisher Scientific	14-648-17	
Androgen receptor antibody	Thermo Scientific	RB-9030-P1	1:500 staining dilution
Synaptophysin antibody (clone Z66)	Life Technologies	18-0130	1:200 staining dilution