

Materials List for:

Candida albicans Biofilm Development on Medically-relevant Foreign Bodies in a Mouse Subcutaneous Model Followed by Bioluminescence Imaging

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Materials

Name	Company	Catalog Number	Comments
Yeast extract granulated	Merck	MERC1.03753.0500	
Bacteriological peptone	Oxoid	LP037B	
Agar granulated	Difco	214530	
D-(+)-glucose	Fluka	49159-5KG	
Phosphate buffered saline	Prepared in the laboratory		for 1L of 10x PBS: 80 g NaCl, 2 g KCl, 14.4 g Na ₂ HPO ₄ , 2.4 g KH ₂ PO ₄
RPMI1640 with L-glutamine and without sodium carbonate	Sigma	R6504-1L	Prepare according the protocol for <i>Candida albicans</i> drug susceptibility testing
3-(N-Morpholino)propanesulfonic acid (MOPS)	Sigma	M1254	MOPS is used to adjust the pH of RPMI medium (pH 7.0)
fetal bovine serum (FBS)	Sigma	F7524	
Polyurethane tripe-lumen intravenous catheter piece (2.4 mm diameter, Certofix Trio S730)	BBraun	CV-15703	Polyurethane part cut into 1 cm pieces
Dexamethasone	Fagron SAS, France	611139	Immunosuppressant (stock solution 10 mg/ml)
Ampicillin	Duchefa Biochemie, The Netherlands	A0104	Antibacterial prophylaxis
Ketamine 1000	Pfizer	804 119	Anesthetic
Domitor	Pfizer	134737-1	Anesthetic
Antisedan	Pfizer	134783-2	Reversal of anesthesia
Xylocaine gel (2%) - this is Linisol	AstraZeneca	352 1206	Local anesthetic for the skin
Terramycin/ polymyxin-b ophthalmic ointment			To prevent drying and infection of eyes
Coelenterazine	Prolume (Nanolight)	NF-CTZ-FB	Light sensitive agent (must be kept in the dark)
Iodine isopropanol (1%)	3M™ DuraPrep™		Disinfectant for the skin
0.5 % chlorhexidine in 70 % alcohol.	Cedium		Disinfectant for the skin
Equipment			
Cell counting chamber			
Insulin syringes (0.3 ml)	Terumo Myjector 29G	324826	For injection of coelenterazine
Electric razor			For small animals
Sterile surgical tools			Scissors, 2 pairs of tweezers, scalpel

Heating pad	Leica	14042321474	
Skin suture	Johnson&Johnson	K890H	Surgical thread, needle
Water bath sonicator	Branson 2210		
BLI camera (IVIS Spectrum)	Perkin Elmer, Alameda	IVISSPE	
Living Image software	Perkin Elmer, Alameda		(version 4.2)