

Materials List for:

Assessing Anti-fungal Activity of Isolated Alveolar Macrophages by Confocal Microscopy

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Materials

Name	Company	Catalog Number	Comments
PKH26 Red Fluorescent Cell Linker Kit for General Cell Membrane Labeling	Sigma	PKH26GL-1KT	
2,2,2 Tribromoethanol	Sigma	T48402	Used to make AvertinAnesthetic
2-methyl-2-butanol	Sigma	A-1685	Used to make AvertinAnesthetic
Dulbecco's Phosphate Buffered Saline (without calcium and magnesium)	Corning	21-031-CV	
NH ₄ Cl	Sigma	A0171	Used to make ACK red cell lysis buffer
KHCO ₃	Sigma	P91444	Used to make ACK red cell lysis buffer
EDTA	Sigma	E6758	Used to make ACK red cell lysis buffer
22 G x 1.00 inch i.v. catheter	BD	381523	Insyte Autoguard Winged
Insulin syringes			
6 ml Syringes			
4-way stopcock	Fisher Scientific	50-700-077	
Suture thread			
50 ml conical centrifuge tubes			
gauze sponges (4 inch square)			
RPMI 1640 with L-glutamine	Corning	10-040-CV	
Fetal Bovine Serum	Hyclone	SH30396.03	heat inactivated
Hema 3 Stain Set	Fisher Scientific	22-122-911	
Cytoseal 60	Thermo Scientific	8310-4	
Sabouraud Brain Heart Infusion Agar with Chloramphenicol and Gentamicin Slants	BD	297252	
<i>Aspergillus fumigatus</i> strain expressing green fluorescent protein			provided by Dr Margo Moore, Simon Fraser University, Burnaby, BC, Canada
100 µm Cell strainers	BD Falcon	64753-00	
Scissors			
Forceps			
Biological Safety Cabinet Class II			
Sorval ST40 Centrifuge with swing bucket rotor			

Leica DM1000 light microscope			
Hemocytometer			
Cytospin 2 centrifuge	Thermo Scientific		
Cell culture incubator			37 °C, 5% CO ₂
22 x 22 mm micro cover glass	VWR	48366-227	glass coverslips
6-well Cell culture plates	Corning	3506	
10% Neutral Buffered Formalin	VWR	BDH0502-1LP	
Vectashield mounting medium with DAPI	Vector Laboratories	H-1200	
Leica TCS SP2 system with a laser point scanner			Mounted on DMIRE2 fluorescence microscope