

Materials List for:

Complementary Use of Microscopic Techniques and Fluorescence Reading in Studying *Cryptococcus*-Amoeba Interactions

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Materials

Name	Company	Catalog Number	Comments
1,4-Diazabicyclo-[2.2.2]-octane	Sigma-Aldrich	D27802	-
1.5-mL plastic tube	Thermo Fisher Scientific	69715	-
15-mL Centrifuge tube	Thermo Fisher Scientific	7252018	-
50-mL Centrifuge tube	Thermo Fisher Scientific	1132017	-
8-Well chamber slide	Thermo Fisher Scientific	1109650	-
Acetone	Merck	SAAR1022040LC	-
Amoeba strain	ATCC [®]	30234 [™]	-
ATCC medium 712	ATCC [®]	712 [™]	Amoeba medium
Black 96-well microtiter plate	Thermo Fisher Scientific	152089	-
Centrifuge	Hermle	-	-
Chloroform	Sigma-Aldrich	C2432	-
Confocal microscope	Nikon	Nikon TE 2000	-
Epoxy resin:			
[1] NSA	[1] ALS	[1] R1054	-
[2] DER 736	[2] ALS	[2] R1073	-
[3] ERL Y221 resin	[3] ALS	[3] R1047R	-
[4] S1 (2-dimethylaminoethanol)	[4] ALS	[4] R1067	-
Fluorescein isothiocyanate	Sigma-Aldrich	F4274	-
Formic Acid	Sigma-Aldrich	489441	-
Fluoroskan Ascent FL	Thermo Fisher Scientific	374-91038C	Microplate reader
Glucose	Sigma-Aldrich	G8270	-
Glutaraldehyde	ALS	R1009	-
Hemocytometer	Boeco	-	-
Lead citrate	ALS	R1209	-
Liquid Chromatography Mass Spectrometer	Thermo Fisher Scientific		-
Methanol	Sigma-Aldrich	R 34,860	-
Orbital shaker	Lasec	-	-
Osmium tetroxide	ALS	R1015	-
pHrodo Green Zymosan A BioParticles	Life Technologies	P35365	This is the pH-sensitive dye
Physiological buffer solution	Sigma-Aldrich	P4417-50TAB	-
Rotary shaker	Labcon	-	-
Sodium phosphate buffer:			

[1] di-sodium hydrogen orthophosphate dihydrate	[1] Merck	[1] 106580	-
[2] sodium di-hydrogen orthophosphate dihydrate	[2] Merck	[2] 106345	
Transmission electron microscope	Philips	Philips EM 100	-
Trypan blue	Sigma-Aldrich	T8154	-
Ultramicrotome	Leica	EM UC7	-
Uranyl acetate	ALS	R1260A	-
Vacuum dessicator	Lasec	-	-
Vial	Sigma-Aldrich	29651-U	-
YNB	Lasec	239210	-
YPD agar	Sigma-Aldrich	Y-1500	-