

Materials List for:

Broth Microdilution *In Vitro* Screening: An Easy and Fast Method to Detect New Antifungal Compounds

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Materials

Name	Company	Catalog Number	Comments
Media and Reagents			
RPMI 1640 medium with l-glutamine, without sodium bicarbonate	Thermo Fisher	31800-022	
3-(N-morpholino) propane sulfonic acid (MOPS) <i>(o que a gente usa tem um sódio, completa o nome dele please)</i>	Sigma-Aldrich		Use to buffer 2X RPMI medium
Sodium chloride (NaCl)	Dinâmica	1528-1	137 mM for Phosphate buffered saline (PBS)
Potassium chloride (KCl)	J.T.Baker	3040-01	2.7 mM for Phosphate buffered saline (PBS)
Sodium phosphate dibasic (Na ₂ HPO ₄)	Sigma-Aldrich	V000129	10 mM for Phosphate buffered saline (PBS)
Potassium dihydrogen phosphate (KH ₂ PO ₄)	Sigma-Aldrich	60230	2 mM for Phosphate buffered saline (PBS)
BD Difco Sabouraud dextrose broth	BD	238230	
BD Difco Sabouraud Dextrose Agar	BD	210950	
Glycerol	Sigma-Aldrich	V000123	35% for (solução de estoque? Criopreservação?)
Sterile water			Para diluição das drogas na diluição seriada
Antifungal drugs			
Amphotericin B	Sigma-Aldrich	A2942	
Fluconazole	Sigma-Aldrich	F8929	
Caspofungin	Sigma-Aldrich	PHR1160	
Plastics			
50 mL conical tube	Sarstedt	62.547.254	
Dish petri	J.Prolab	0304-5	
96 well plate	Corning	3595	
Sterile Solution Reservoir	KASVI	K30-208	Use to pipette the solutions using the multichannel pipette

Equipment and other materials			
Optical microscope	Nikon	E200MV	
Centrifuge	Thermo Fisher	MegaFuge 16R	
Incubator	Ethik Technology	403-3D	Set to 37° C
Shaker	New Brunswick Scientific	Excella E25	Set to 37° C, 200 RPM
Cell counting chamber, Neubauer	BOECO Germany	BOE 13	
Multichannel pipette	HTL	5123	