

Assessing the Putative Anticryptococcal Properties of Crude and Clarified Extracts from Mollusks

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Materials

Name	Company	Catalog Number	Comments
0.2 µm Filters	VWR	28145-477 (North America)	
1.5 mL Tubes (Safe-Lock)	Eppendorf	0030120086	
2 mL Tubes (Safe-Lock)	Eppendorf	0030120094	
3,4-Dihydroxy-L-phenylalanine (L-DOPA)	Sigma-Aldrich	D9628-5G	CAS #: 59-92-7
96-well plates	Costar (Corning)	3370	
Bullet Blender Storm 24	NEXT ADVANCE	BBY24M	
Centrifuge 5430R	Eppendorf	5428000010	
Chelex 100 Resin	BioRad	142-1253	
CO ₂ Incubator (Static)	SANYO	Not available	
<i>Cryptococcus neoformans</i> H99	ATCC	208821	
DIC Microscope	Olympus		
DIC Microscope software	Zeiss		
DMEM	Corning	10-013-CV	
Glucose (D-Glucose, Anhydrous, Reagent Grade)	BioShop	GLU501	CAS #: 50-99-7
Glycine	Fisher Chemical	G46-1	CAS #: 56-40-6
GraphPad Prism 9	Dotmatics		
Hemocytometer	VWR	15170-208	
HEPES	Sigma Aldrich	H3375	
Magnesium sulfate heptahydrate (MgSO ₄ ·7 H ₂ O)	Honeywell	M1880-500G	CAS #: 10034-99-8
Peptone	BioShop	PEP403	
Phosphate buffer salt pH 7.4	BioShop	PBS408	SKU: PBS408.500
Plate reader (Synergy-H1)	BioTek (Agilent)	Not available	
Potassium phosphate monobasic (KH ₂ PO ₄)	Fisher Chemical	P285-500	CAS #: 7778-77-0
Subtilisin A	Sigma-Aldrich	P4860	CAS #: 9014-01-01

Succinyl-Ala-Ala-Pro-Phe-p-nitroanilide	Sigma-Aldrich	573462	CAS #: 70967-97-4
Thermal bath	VWR	76308-834	
Thiamine Hydrochloride	Fisher-Bioreagents	BP892-100	CAS #: 67-03-8
Yeast extract	BioShop	YEX401	CAS #: 8013-01-2
Yeast nitrogen base (with Amino Acids)	Sigma-Aldrich	Y1250-250G	YNB