

An Ex vivo Assay to Study *Candida albicans* Hyphal Morphogenesis in the Gastrointestinal Tract

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jove.com/video/61488

Materials

Name	Company	Catalog Number	Comments
1 - 10 µL Pipet Tips	Fisher Scientific	02-707-454	Misc
100 - 1000 µL Pipet Tips	Fisher Scientific	02-707-400	Misc
20 - 200 µL Pipet Tips	Fisher Scientific	02-707-451	Misc
2-methylbutyric acid	Sigma	193070-25G	hyphal-inhibitory compound
488 goat anti-rabbit IgG	Invitrogen (Fisher)	A11008	IF Staining secondary ab
Agar	Fisher	BP1423-500	YPD agar component
Automated Imaging Microscope	Keyence	BZX700	
Candida Albicans Antibody	Invitrogen (Fisher)	PA1-27158	IF Staining primary ab
cefoperazone	Cayman	16113	antibiotic
deoxycholic acid	Sigma	30960	hyphal-inhibitory compound
D-Glucose	Fisher	D16-500	hyphal-promoting compound
forceps	Fisher	08-885	
lactic acid	Alfa Aesar	AAAL13242-06	hyphal-inhibitory compound
lithocholic acid	Sigma	L6250-10G	hyphal-inhibitory compound
palmitic acid	Sigma	P5585-10G	hyphal-inhibitory compound
Paraformaldehyde	Alfa Aesar	A11313	IF Staining fixative
Phosphate-buffered saline (PBS), 10x	Alfa Aesar	J62692	PBS component
p-tolylacetic acid	SCBT	sc-257959	hyphal-inhibitory compound
sebacic acid	Sigma	283258-250G	hyphal-inhibitory compound
sharp ended scissors	Fisher	28301	
sterile Milli-Q water	N/A	N/A	Misc
YPD Broth	BD Biosciences	242810	YPD agar component