

Materials List for:

Visualization of *Candida Albicans* in the Murine Gastrointestinal Tract Using Fluorescent In Situ Hybridization (FISH)

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Materials

Name	Company	Catalog Number	Comments
1 mL syringe	BD	309659	can be substituted from any vendor
BHI blood agar			can be substituted from any vendor
<i>C. albicans</i> FISH probe	IDT DNA Technologies	custom order	
chamber for hybridization incubation			watertight chamber meant to reduce evaporation
chloroform	Sigma	C2432	>=99.5%
DAPI	Roche	10236276001	can be substituted from any vendor
delicate task wiper tissues	Kimberley-Clark	34256CT	Kimwipes
D-glucose	Sigma	G7021-5KG	can be substituted from any vendor
ethanol	Sigma	E7023	molecular biology grade
feeding needles	Cadence, Inc.	7910	metal; 20 X1-1/2" W/2-1/4; can be autoclaved to sterilize
FITC-UEA-1	Sigma	L9006-1MG	other fluorophores available
FITC-WGA	Sigma	L4895-2MG	other fluorophores available
Foam pads	Fisher	22038221	Order foam pads that will fit within cassettes
formamide	Sigma	47671	molecular biology grade
glacial acetic acid	Macron Fine Chemicals	MK881746	ACS reagent, >=99.5%
glass Coplin jar	Fisher	08-815	hold up to 10 slides back to back
Histology cassettes	Simport	M512	Deep cassettes so cecum is not squished
hybridization coverslips	Sigma	GBL712222	RNase-free
hybridization oven			can be substituted from any vendor
LB			can be substituted from any vendor
Lee's media			prepared as described in Lee et al. 1975
methanol	Sigma	179337	ACS reagent, >=99.8%
mice	Charles River Laboratories	028	adult BALB/c; 18-21 grams (8-10 weeks)
paraformaldehyde	Fisher	50-980-487	16% solution
paraffin wax	Sigma	P3558-1KG	Paraplast for tissue embedding
PBS, pH 7.4	UCSF Cell Culture Facility Media Production Unit	CCFAL003	calcium, magnesium-free; can be substituted from any vendor
penicillin G	Sigma	PENNA-100MU	
Sabouraud dextrose agar			can be substituted from any vendor

saline	Baxter	2F7123	sterile, can be substituted from any vendor
sodium chloride (NaCl)	Sigma	S3014	can be substituted from any vendor; maintain RNase-free
sodium dodecyl sulfate (SDS)	Sigma	L3771	can be substituted from any vendor; maintain RNase-free
streptomycin	Sigma	S9137-100G	
super PAP pen	Life Technologies	8899	can be substituted from any vendor
Tris-HCl	Sigma	T3253	can be substituted from any vendor; maintain RNase-free
Vectashield	Vector Laboratories	H-1000	does not contain DAPI
xylenes	Sigma	214736	reagent grade
YEPD			can be substituted from any vendor