

Materials List for

Daily Transfers, Archiving Populations, and Measuring Fitness in the Long-Term Evolution Experiment with *Escherichia coli*

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Citation

Barrick, J.E., Blount, Z.D., Lake, D.M., Dwenger, J.H., Chavarria-Palma, J.E., Izutsu, M., Wiser, M.J. Daily Transfers, Archiving Populations, and Measuring Fitness in the Long-Term Evolution Experiment with *Escherichia coli*. *J. Vis. Exp.* (198), e65342, doi:10.3791/65342 (2023).

Date Published

August 18, 2023

DOI

10.3791/65342

URL

jove.com/video/65342

Materials

Name	Company	Catalog Number	Comments
2,3,5-Triphenyltetrazolium chloride (TTC)	Sigma-Aldrich	T8877	
20 mL Glass Beaker	Sigma-Aldrich	CLS100020	
50 mL Erlenmeyer Flasks	Sigma-Aldrich	CLS498050	
Agar	Sigma-Aldrich	A1296	
Ammonium Sulfate	Sigma-Aldrich	AX1385	
Antifoam	Sigma-Aldrich	A5757	
Arabinose	Sigma-Aldrich	A3256	
Freezer Box (2")	VWR	82007-142	
Freezer Box (3")	VWR	82007-144	
Freezer Box Cell Divider (49-place)	VWR	82007-150	
Freezer Box Cell Divider (81-place)	VWR	82007-154	
Freezer Vials (1/2-Dram)	VWR	66009-816	
Freezer Vials (2-Dram)	VWR	66010-560	
Glucose	Sigma-Aldrich	G8270	
Glycerol	Fisher Scientific	G33	
Magnesium Sulfate	Sigma-Aldrich	M7506	
Metal Tray	Winco	SPJP-202	
Petri Dish	Fisher Scientific	FB0875712	
Potassium Phosphate Dibasic Trihydrate	Sigma-Aldrich	P5504	
Potassium Phosphate Monobasic	Sigma-Aldrich	P5379	
Sodium Chloride	Sigma-Aldrich	M7506	

Sodium Citrate Tribasic Dihydrate	Sigma-Aldrich	C7254	
Test Tube Cap (18mm)	VWR	10200-142	
Test Tube Rack (18mm, steel)	Adamas-Beta	N/A	Test Tube Racks Stainless Steel Grid Arrangement 72 Holes (17-19 mm)
Test Tubes (18 x 150 mm)	VWR	47729-583	
Thiamine, Hydrochloride	Millipore	5871	
Tryptone	Gibco	211705	
Yeast Extract	Gibco	212750	