

Materials List for

Establishing Stable Binary Cultures of Symbiotic Saccharibacteria from the Oral Cavity

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jove.com/video/62484

Materials

Name	Company	Catalog Number	Comments
Agarose	Fisher Scientific	BP160-100	
Alphaimager	Cell Biosciences	FluorChem HD2	Or equivalent UV gel imaging system
Aluminum foil	Fisher Scientific	01-213-101	
Brain Heart Infusion Broth (dehydrated powder)	Becton-Dickinson	211059	Or other growth media suitable for target organisms
Centrifuge Rotor 70-Ti	Beckman Coulter	337922	
Cryovials	Fisher Scientific	12-567-500	
DMSO	Fisher Scientific	BP231-100	
Electrophoresis Power Supply	Bio-Rad	1645052	
Electrophoresis Rig	Bio-Rad	1704467	
Filter Forceps	Millipore Sigma	XX6200006P	Not essential, helps ensure filters are not punctured during handling
Glycerol	Fisher Scientific	G33-500	
GoTaq Green Mastermix	Promega	M7122	
Mastercycler Pro Thermocycler	Eppendorf	950040025	Or equivalent thermocycler for PCR
MgCl ₂ solution 25mM	Promega	A3513	
Molecular Biology grade water	Fisher Scientific	BP2819100	
O ₂ Control InVitro Glove Box	Coy Laboratories	031615	If needed for microaerobic organisms
Optima L-100 XP High Speed Centrifuge	Beckman Coulter	8043-30-1124	
P-10 micro pipette	Gilson	F144802	
P-1000 micro pipette	Gilson	F123601G	
P-2 micro pipette	Gilson	F144801	
P-20 micro pipette	Gilson	F123600	
P-200 micro pipette	Gilson	F123602G	
PBS	Fisher Scientific	BP399500	
PCR tubes 0.2 mL	Fisher Scientific	14-230-205	
Peptone	Fisher Scientific	BP1420-500	

Pipette tips - 10 μ L	Fisher Scientific	02-717-157	
Pipette tips - 1000 μ L	Fisher Scientific	02-717-166	
Pipette tips - 20 μ L	Fisher Scientific	02-717-161	
Pipette tips - 200 μ L	Fisher Scientific	02-717-165	
Polycarbonate filters - 47mm, 0.2 μ m pore size	Millipore	GTTP04700	
Screw-cap conical centrifuge tubes 15 mL	Falcon	352096	Or other tube suitable for bacterial culture
Sodium chloride	Fisher Scientific	BP358-1	
Swin-Lok Filter - 47mm	Whatman	4200400	
SYBR Safe DNA Gel stain	ThermoFisher Scientific	S33102	
Syringes - 20 mL	Fisher Scientific	14-955-460	
TAE Buffer (50x) concentrate	Fisher Scientific	P1332500	
Thickwall Polycarbonate 25 x 89 mm (26.3mL capacity) centrifuge tubes with caps	Beckman Coulter	355618	
Tryptic Soy Blood Agar Plates	Northeast Laboratory Services	P1100	Or other agar plate sufficient for growth of host organisms
Tryptic Soy Broth (dehydrated powder)	Becton-Dickinson	211825	Or other growth media suitable for target organisms
Vinyl Anaerobic Chamber	Coy Laboratories	032714	If needed for anaerobic organisms
Vortex mixer	Scientific Industries	SI-0236	
Yeast Extract	Fisher Scientific	BP1422-500	