

Materials List for

# A Set of *In Situ* Informed Simulated Medium Formats for Culturing Environmentally Acquired Anaerobic Microorganisms

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## Materials

Name	Company	Catalog Number	Comments
<b>General Materials</b>			
1 L borosilicate bottle	Fisher Scientific		
1 mL syringe with slip tip	Fisher Scientific		
10 mL glass pipette	Fisher Scientific		
100 mL culture bottle	Fisher Scientific		
20 mm hand crimper	Fisher Scientific		
23 G needle	Fisher Scientific		
500 mL borosilicate bottle	Fisher Scientific		
Aluminum seal	Fisher Scientific		
Cannula, 31.5 cm length	Fisher Scientific		
Cannula, 6 cm length	Fisher Scientific		
Corer	Giddings Machine Company		Assembled from company parts
Gas manifold	Swagelok		Assembled from many different parts
Lighter	Lowe's		
N <sub>2</sub> gas	Airgas		
Nitrile gloves	Fisher Scientific		
Rubber stopper (for GL45 bottles)	Glasgeratebau OCHS		
Rubber stopper (for culture bottles)	Ace Glass		
Stirring hot plate	Corning		
Trace minerals	ATCC		
Vitamins	ATCC		
<b>Bioreactor-specific Materials</b>			
#10 rubber stopper	Ace Glass		
#7 rubber stopper	Fisher Scientific		
1 mL syringe with luer lock tip	Fisher Scientific		
1/4" hose barb ball valve	Amazon		
10 mL syringe with luer lock tip	Fisher Scientific		
3.5 L borosilicate bottle	Fisher Scientific		
5/16" - 1/4" hose barb adapter fitting	Amazon		

60 mL syringe with luer lock tip	Fisher Scientific		
8 L borosilicate carboy	Allen Glass		
Angled hose connector for GL14 open top cap	Ace Glass	7623-20	
Balloon	Party City		
Borosilicate bioreactor	Allen Scientific Glass		Custom made upon request
Drill	Lowe's		
Female luer lock adapter coupler	Amazon		
GL14 open top cap	Ace Glass	7621-04	
GL18 open top cap	Ace Glass	7621-08	
GL45 open top cap	Ace Glass		
PTFE faced silicone septum for GL14 open top cap	Ace Glass	7625-06	
PTFE faced silicone septum for GL18 open top cap	Ace Glass	7625-07	
Ring stand	Fisher Scientific		
Ring stand chain clamp	Amazon		
Ring stand clamp	Fisher Scientific		
Silicone tubing; 1/4" id, 1/2" od	Grainger	55YG13	
Silicone tubing; 3/16" id, 3/8" od	Grainger		
Straight hose connector for GL14 open top cap	Ace Glass	7623-22	
Three-way stopcock	Amazon		
Two-way stopcock	Amazon		
Ultra low flow variable flow mini-pump	VWR		
Water bath	Fisher Scientific		
White rubber septum for 13-18 mm od tubes	Ace Glass	9096-49	
Wire	Lowe's		
Zip tie	Lowe's		