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BG11 hypersaline agar plates

Bosak Lab Protocols[1]
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1 Works for me dx.doi.org/10.17504/protocols.io.bkchkst6

Bosak Lab

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1 Add the following to a beaker and dissolve using a stir bar on a magnetic stir plate.

BG11 hypersaline agar plate medium	amount	unit
initial Milli-Q water	968	ml
NaCl	49.8	g
NaNO3	1.5	g
Na2CO3	0.02	g
KCl	1.3867	g
MgCl2*6H2O	8.569	g
MgSO4*7H2O	6.4998	g
CaCl2*2H2O	2.042	g
Stock A	10	ml
Stock B	10	ml
Stock C	10	ml
Stock 5 (trace metals)	1	ml
Vitamins	1	ml
Agar	15	g

2 Add Milli-Q water to bring total volume to **1 L**

3 Autoclave media

40m

4 While waiting for autoclave cycle to finish, set up desired number of sterile petri dishes or other culturing plates in a sterile biohood.

5 Remove media from autoclave and let cool until just warm enough to touch.

6 Pour media into each petri dish and let solidify.*

*TIP: Before agar solidifies, use a sterile pipette tip to move any bubbles that may form to the edges of the petri dish.

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