

PREPARING WORM PLATES FOR BACTERIAL RNAi

Materials and Reagents:

Standard NGM media

Ampicillin (100mg/mL, sterile filtered, stock at -20°C)

Tetracycline (5mg/mL in etOH, stock at -20°C)

IPTG (1M, sterile filtered, stock at -20°C)

The following are added to NGM after autoclaving:

	[stock]	Volume added (mL)	[final]
Ampicillin	100mg/mL	1	100 µg/mL
Tetracycline	5mg/mL	2.5	12.5 µg/mL
IPTG	1M	0.4	0.4 mM

Procedure:

- 1) Make normal NGM media and autoclave. After adding Ca, Mg, cholesterol and phosphate, add ampicillin, tetracycline and IPTG and pour plates.
- 2) Allow to dry for 2 or more days and seed with the appropriate RNAi bacteria.

Comments:

Plates do not need to be used immediately, but if they are to be used within a few days, store at 4°C.

References:

- 1) Timmons L, Court DL, Fire A. 2001. *Gene*. Jan 24;263(1-2):103-12.

Submitted by:

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