VERSION 2

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Protocol status: Working
We use this protocol and it's working

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🌐 Prepare NGM no peptone plates V.2

Cancer Research UK / Wellcome Gurdon Institute media kitchen¹

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ABSTRACT

Prepare NGM plates without peptone.

Peptone is necessary for bacterial growth and thus by not adding peptone, one can control for the number of bacteria present on an NGM plate by seeding a known number of bacteria.

MATERIALS

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double distilled water (ddH2O) Contributed by users

Sodium chloride meets analytical specification of Ph.Eur Fisher Chemical Fisher Scientific Catalog #S/3160/65

SYCHEM autoclave Syschem

Agar Formedium Catalog #AGA02

SAFETY WARNINGS

Make sure you know how to use the autoclave before starting this protocol.

1

2

Ingredients	Quantity	
NaCl		15g
Double distilled H2O	4.8L	
Agar	per 1L bottle	17g
Agar	per 500ml bottle	8.5g

3

Measure approx 4.8L double distilled H2O in 5L bell jar with a magnetic flea.
Add NaCl
Stir until all solutes are dissolved.
Dispense approx 972ml NGM media per 1L bottle OR 486ml NGM into a 500ml bottle.
Dispense 17g of agar and a magnetic flea to each 1L bottle OR 8.5g of agar and a magnetic flea to each 500ml bottle.
Label, date and autoclave.