



Oct 01, 2021

## NGM Agar



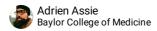
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Adrien Assie: I am not the author of this protocol. This is a standard protocol for C. elegans maintenance available on worm book.



dx.doi.org/10.17504/protocols.io.zy7f7zn



DISCLAIMER

This is a standard protocol for C. elegans maintenance available on wormbook.

**ABSTRACT** 

NGM agar recipe from wormbook

DOI

dx.doi.org/10.17504/protocols.io.zy7f7zn

**EXTERNAL LINK** 

http://www.wormbook.org/chapters/www\_strainmaintain/strainmaintain.html

PROTOCOL CITATION

Adrien Assie, Buck Samuel 2021. NGM Agar. **protocols.io** https://dx.doi.org/10.17504/protocols.io.zy7f7zn

MANUSCRIPT CITATION please remember to cite the following publication along with this protocol

Brenner, S. (1974). Genetics 77, 71.

COLLECTIONS (1)

## Samuel Lab Media and Buffers

KEVWORDS

C. elegans, Growing media, Caenorhabditis , nematode

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	PROTOCOL INTEGER ID 22271
	PARENT PROTOCOLS
	In steps of Caenorhabditis elegans strain freezing procedure
	Part of collection Samuel Lab Media and Buffers
	DISCLAIMER:
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1	Start with 975 mL water
2	<b>□3.0 g</b> NaCl
3	⊒2.5 g Peptone
4	<b>□17 g</b> Agar
5	Autoclave with stir bar
6	Cool to § 55 °C (faster in water bath)
7	Then add the following while stirring on heat plate (DO NOT OVERHEAT)

■0.5 mL of [M]1 Molarity (M) CaCl2 (sterile)

- 11 **25 mL** of [M] **Molarity (M)** Potassium Phosphate Buffer, pH 6.0 (sterile)
- 12 Pour into petri dishes using sterile technique
  - 60 mm dishes = About **To mL** per plate
  - 100 mm dishes = About **20 mL** per plate