S-Basal Medium

In 1 collection

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Adrien Assie: We are not the author of this protocol. It was first described in Lewis and Fleming (1995). Protocol available on wormbook.

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DISCLAIMER

We are not the author of this protocol. It was first described in Lewis and Fleming (1995). Protocol inspired from the one available on the Wormbook website.

ABSTRACT

Large quantities of *C. elegans* can be grown in a liquid medium. Liquid cultures of *C. elegans* are usually grown on S Medium using concentrated *E. coli*OP50 as a food source. This is the S-Basal Medium recipe

External link:
http://www.wormbook.org/chapters/www_strainmaintain/strainmaintain.html

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MANUSCRIPT CITATION:
Lewis, J.A. and Fleming, J.T. (1995). In: Methods in cell biology, Vol. 48, H.F. Epstein and D.C. Shakes, eds. (San Diego: Academic Press), p. 3.

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1 Start with 700 mL water

2 5.9 g NaCl ([M] 100 millimolar (mM))

3 50 mL of [M] 1 Molarity (M) Potassium Phosphate Buffer, pH 6.0

OR

1 g K2 HPO4 and 6 g KH2PO4

4 Adjust water to 1000 mL

5 Autoclave