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# OPEN 6 ACCESS



### **External link:**

http://www.wormbook.org/chapter s/www\_strainmaintain/strainmaint ain.html

**Protocol Citation:** Adrien Assie, Buck Samuel 2024. S-Basal Medium. **protocols.io** https://protocols.io/view/s-basal-medium-zy9f7z6

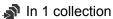
## **MANUSCRIPT CITATION:**

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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Protocol status: Working

# S-Basal Medium



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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

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**Keywords:** C. elegans, S medium, liquid culture

- 1 Start with 4 700 mL water
- 2 A 5.9 g NaCl ( [M] 100 millimolar (mM)
- 3 \_\_\_\_ 50 mL of [M] 1 Molarity (M) Potassium Phosphate Buffer, pH 6.0

OR

- Д 1 g K2 HPO4 and Д 6 g KH2PO4
- 4 Adjust water to A 1000 mL
- **5** Autoclave