

Materials List for:

Cultivation of *Caenorhabditis elegans* in Three Dimensions in the Laboratory

Tong Y. Lee¹, Kyoung-hye Yoon¹, Jin I. Lee¹

¹Division of Biological Science and Technology, Yonsei University

Correspondence to: Jin I. Lee at jinillee@yonsei.ac.kr

URL: <https://www.jove.com/video/55048>

DOI: [doi:10.3791/55048](https://doi.org/10.3791/55048)

Materials

Name	Company	Catalog Number	Comments
LB broth, Miller (Luria-Bertani)	Difco	224620	
Sodium chloride	DAEJUNG	7548-4400	58.44 MW
Agar, Granulated	Difco	214530	
Peptone	Bacto	211677	
Calcium chloride, dihydrate	Bio Basic	CD0050	2*H ₂ O; 147.02 MW
Cholesterol	Bio Basic	CD0122	386.67 MW
Ethyl alcohol	B&J	RP090-1	99.99%; 46.07 MW
Magnesium sulfate, anhydrous	Bio Basic	MN1988	120.37 MW
Potassium phosphate, monobasic, anhydrous	Bio Basic	PB0445	136.09 MW
2'-Deoxy-5-fluorouridine	Tokyo Chemical Industry	D2235	246.19 MW
Potassium phosphate, dibasic, anhydrous	Bio Basic	PB0447	174.18 MW
Multi-Purpose Test Tubes	Stockwell Scientific	ST.8570	8 ml
Test Tube Closures	Stockwell Scientific	ST.8575	
Cell Culture Flask	SPL Lifescience	70125	25 cm ²
Research Stereo Microscope	Nikon	SMZ18	
High-Definition Color Camera Head	Nikon	DS-Fi2	
PC-Based Control Unit	Nikon	DS-U3	
NIS-Elements Basic Research, Microscope Imaging Software	Nikon	MQS32000	