

Materials List for:

Visualizing Neuroblast Cytokinesis During *C. elegans* Embryogenesis

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Materials

Name	Company	Catalog Number	Comments
Agar	BioShop Canada Inc.	#AGR001.1	For making <i>C. elegans</i> NGM and RNAi plates
Agar	Bio Basic Inc.	#9002-18-0	For making bacteria LB agar plates
Agarose	BioShop Canada Inc.	#AGA001.500	
Anti-mouse Alexa Fluor 488 antibody	Life Technologies Corporation (Invitrogen)	#A11029	
Anti-mouse anti-GFP antibody	Roche Applied Science	#11814460001	
Anti-rabbit Alexa Fluor 568 antibody	Life Technologies Corporation (Invitrogen)	#A11011	
Ampicillin	BioShop Canada Inc.	#AMP201.5	Store powder at 4 °C and dissolved ampicillin at -20 °C
Bactopetone (peptone-A)	Bio Basic Inc.	#G213	
CaCl ₂ (calcium chloride)	BioShop Canada Inc.	#C302.1	
Cholesterol	BioShop Canada Inc.	#CHL380.25	Dissolve in ethanol
DAPI	Sigma-Aldrich	#D9542	Use to stain nucleic acids (DNA)
Glycerol	BioShop Canada Inc.	#GLY001.1	
IPTG (isopropylthio-β-galactoside)	Bio Basic Inc.	#367-93-1	Store powder and dissolved IPTG at -20 °C
KH ₂ PO ₄ (potassium phosphate, monobasic)	BioShop Canada Inc.	#PPM666.1	
K ₂ HPO ₄ (potassium phosphate, dibasic)	BioShop Canada Inc.	#PPD303.1	
L4440 (feeding vector)	Addgene	#1654	Keep as glycerol stock at -80 °C
MgSO ₄ (magnesium sulfate)	BioShop Canada Inc.	#MAG511.500	
NaCl (sodium chloride)	Bio Basic Inc.	#7647-14-5	
Na ₂ HPO ₄ (sodium phosphate, dibasic)	Bio Basic Inc.	#7558-79-4	
Normal Donkey Serum (NDS)	Wisent Bioproducts	#035-110	
n-Propyl-3,4,5-trihydroxybenzoate (propyl gallate)	Alfa Aesar	#A10877	
Poly-L-lysine	Sigma-Aldrich	#P8920	For optimal results coat microscope slides three times
Streptomycin	BioShop Canada Inc.	#STP101.50	Store powder at 4 °C and dissolved streptomycin at -20 °C
Tetracyclin	BioShop Canada Inc.	#TET701.10	Store powder at 4 °C and dissolved tetracycline at -20 °C
Tween-20	Bio Basic Inc.	CAS#9005-64-5	
Tryptone	BioShop Canada Inc.	#TRP402.500	
Yeast Extract	Bio Basic Inc.	#8013-01-2	