

Materials List for

Using Low-cost Dyes to Visualize Glycogen Accumulation and Gut Integrity in *Caenorhabditis elegans*

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jove.com/video/66084

Materials

Name	Company	Catalog Number	Comments
1.5 mL microtubes	Local suppliers	-	
37-degree incubator	KS 4000i	97014-816	
50 mL conical tube	Local suppliers	-	
6 cm Petri plates	Local suppliers	-	
Agar bacteriological	Dinâmica Química Contemporânea Ltda.	9002-18-0	
C. elegans Bristol N2 (wild type)	Caenorhabditis elegans Genetic Center (CGC, Minnesota, USA)	-	
CaCL2	Dinâmica Química Contemporânea Ltda.	10035-04-8	
Cholesterol	Sigma-Aldrich Brasil Ltda	57-88-5	
D-(+)-Glucose anhydrous	Neon	50-99-7	
Distilled H2O	Local suppliers	-	
Erioglaucine disodium salt	Sigma-Aldrich Brasil Ltda	3844-45-9	
Escherichia coli OP50	Caenorhabditis elegans Genetic Center (CGC, Minnesota, USA)	-	
Flow hood	Mylabor		
Incubator	Panasonic Healthcare company of North America, MIR-254-PA.	-	
KH2PO4	Dinâmica Química Contemporânea Ltda.	7778-77-0	
Levamisole hydrochloride	RIPERCOL L 150F	-	
Lugol solution	Sigma-Aldrich Brasil Ltda	L6146	
MgSO4	Synth	S1063-01-AH	
Microcentrifuge	Centrifuge 5425R Eppendorf SE, Germany		
Na2HPO4	Dinâmica Química Contemporânea Ltda.	7558-79-4	
NaCl	Dinâmica Química Contemporânea Ltda.	7647-14-5	

Nystatin	Sigma-Aldrich Brasil Ltda	N6261	
Peptone bacteriological	êxodo científica	91079-38-8	
Stereomicroscope	Leica S8 Apo Stereomicroscope (São Paulo, Brazil)		
Streptomycin Sulfate	Estreptomax	-	