

Materials List for:

# A Method for Culturing Embryonic *C. elegans* Cells

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## Materials

Name	Company	Catalog Number	Comments
<b>REAGENTS</b>			
Bacto Peptone	VWR International Inc.	90000-382	
Difco Agar Granulated	VWR International Inc.	90000-784	
Bacto Tryptone	VWR International Inc.	90000-284	
Bacto Yeast Extract	VWR International Inc.	90000-724	
Leibovitz's L-15 Medium (1x) Liquid	Invitrogen	11415-064	
Fetal Bovine Serum	Invitrogen	16140-063	
Penicillin-streptomycin	Sigma	P4333-100ML	
Chitinase from Streptomyces Griseus	Sigma	C6137-25UN	
NA22 <i>Escherichia coli</i>	Caenorhabditis Genetics Center		
Peanut Lectin	Sigma	L0881-10MG	
Sucrose	Sigma	57903-1KG	
D-(+)Glucose	Sigma	67528-1KG	
Ethylene glycol-bis (2-amin-thylether), N,N,N',N'- tetraacidic acid (EGTA)	Sigma	E0396-25G	
Hepes	Sigma	H3375-500G	
Cholesterol			
NaCl	Sigma	57653-1KG	
KCl	Sigma	P9333-500G	
CaCl <sub>2</sub>	Sigma	C1016-500G	
MgCl <sub>2</sub>	Sigma	M8266-100G	
MgSO <sub>4</sub>	Sigma	M2643-500 g	
K <sub>2</sub> HPO <sub>4</sub>	Sigma	P2222-500G	
KH <sub>2</sub> PO <sub>4</sub>	Sigma	P9791-500G	
NaOH	Sigma	S8045-500G	
KOH	Sigma	P1767-500G	
Ethanol			
Autoclaved distilled H <sub>2</sub> O			
Bleach			
<b>EQUIPMENT</b>			
101-1000 µl Blue Graduated Pipet Tips	USA Scientific	1111-2821	
10 ml Sterilized Pipet Individually Wrapped	USA Scientific	1071-0810	

Ergonomic Variable Volume (100-1000 µl) Pipettor with tip ejector	VWR International Inc.	89079-974	
Portable Pipet Aid, Drummond	VWR International Inc.	53498-103	
Transfer Plastic Pipet Sterile	VWR International Inc.	14670-114	
15 ml Conical Tube	USA Scientific	1475-1611	
50 ml Conical Tube	USA Scientific	1500-1811	
Sterile 18 gauge Needles	Becton, Dickinson and Co.	305196	
Sterile 10 ml Syringes	Becton, Dickinson and Co.	305482	
Plastic Syringe Filters Corning 0,20 µm pore size	Corning	431224	
Acrodisc 25 mm Syringe filter w/5 µm versapor Membrane	VWR International Inc.	28144-095	
60x15 mm Petri Dish Sterile	VWR International Inc.	82050-548	
100x15 mm Petri Dish Sterile	VWR International Inc.	82050-912	
12 mm Diameter Glass Coverslips	VWR International Inc.	48300-560	
Clear Cell Culture Plates 24 Well Flat Bottom w/lid	Thomas scientific	6902A09	
Dumont #5- Fine Forceps	Fine Science Tools	11254-20	
Centrifuge 5702	Eppendorf	022629883	
Laminar Flow Hood			
Inverted Microscope with x10 objective			
Ambient air humidified Incubator			