

Materials List for:

***C. elegans* Chemotaxis Assay**

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Materials

Name	Company	Catalog Number	Comments
S Basal (- cholesterol) [5.8 g NaCl; 1 M K phosphate buffer, pH 6.0; dH ₂ O to 1 liter.] Autoclave			
PicoFuge	Stratagene	400552	
Microscopes	Leica		
Dissecting	Leica		
P1000 Pipette	Gilson		
P10 Pipette	Gilson		
0.5 M Sodium Azide			
Chemotaxis Agar [1.6% BBL-agar (Benton-Dickinson) or 2% Difco-agar. Autoclave. Add 5 mM potassium phosphate, pH 6.0; 1 mM CaCl ₂ , 1 mM MgSO ₄]			
Ethanol/Distilled Water			
Test Compounds (eg. 0.5% diacetyl)			
Agar	Bio-Rad	166-0600	
NH ₄ Cl	Amresco	CA97062-046	
MOPS	VWR	CA12001-120	
NH ₄ OH	BDH	CABDH8641-2	
0.25% Tween 20	Bio-Rad	170-6531	