

Materials List for:

Culturing *Caenorhabditis elegans* in Axenic Liquid Media and Creation of Transgenic Worms by Microparticle Bombardment

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Materials

Name	Company	Catalog Number	Comments
MgCl ₂ •6H ₂ O	Sigma	M-2393	
Sodium citrate	Sigma	S-4641	
Potassium citrate monohydrate	Sigma	P-1722	
CuCl ₂ •2H ₂ O	Fisher	C455-500	
MnCl ₂ •4H ₂ O	Fisher	M87-100	
ZnCl ₂	Sigma	Z-0152	
Fe(NH ₄) ₂ (SO ₄) ₂ •6H ₂ O	Sigma	F-1018	
CaCl ₂ •2H ₂ O	Fisher	C70-500	
Adenosine 5 -monophosphate, sodium salt	Sigma	A-1752	
Cytidine 5 -phosphate	Sigma	C-1006	
Guanosine 2' - and 3' - monophosphate	Sigma	G-8002	
Uridine 5 -phosphate, disodium salt	Sigma	U-6375	
Thymine	Sigma	T0376	
N-Acetylglucosamine	Sigma	A3286	
DL-Alanine	Fisher	S25648	
p-Aminobenzoic Acid	Sigma	A-9878	
Biotin	Sigma	B-4639	
Cyanocobalamine (B-12)	Sigma	V-2876	
Folinate (Ca)	Sigma	F-7878	
Niacin	Sigma	N-0761	
Niacinamide	Sigma	N-3376	
Pantetheine	Sigma	P-2125	
Pantothenate (Ca)	Sigma	P-6292	
Pteroylglutamic Acid (Folic Acid)	ACRCS	21663-0100	
Pyridoxal 5'-phosphate	Sigma	P-3657	
Pyridoxamine 2HCl	Sigma	P-9158	
Pyridoxine HCl	Sigma	P-6280	
Riboflavin 5-PO ₄ (Na)	Sigma	R-7774	
Thiamine HCl	Sigma	T-1270	
DL-6,8-Thioctic Acid	Sigma	T-1395	
KH ₂ PO ₄	Sigma	P-5379	

Choline di-acid citrate	Sigma	C-2004	
<i>myo</i> -Inositol	Sigma	I-5125	
D-Glucose	Sigma	G-7520	
Lactalbumin enzymatic hydrolysate	Sigma	L-9010	
Brain Heart Infusion	BD	211065	
Hemin chloride	Frontier Scientific	H651-9	
HEPES, sodium salt	Sigma	H-3784	
Cholesterol	J.T. Baker	F676-05	
MEM Non-Essential Amino Acids	Invitrogen	11140-076	
MEM Amino Acids Solution	Invitrogen	11130-051	
Nalidixic acid sodium salt	Sigma	N4382	
Tetracycline Hydrochloride	MP Biomedicals	2194542	
Biolistic Delivery System	BioRad	165-2257	
Gold particles (Au Powder)	Ferro Electronic Material Systems	6420 2504, JZP01010KM	
or			
Gold Particles 1.0 μ m	BioRad	165-2263	