

Materials List for:

Quantitative Approaches for Studying Cellular Structures and Organelle Morphology in *Caenorhabditis elegans*

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Materials

Name	Company	Catalog Number	Comments
Agar-agar	Merck	1.01614.1000	
Agarose	Invitrogen	16500-500	
Confocal microscope	Leica	TCS SP8	Inverted platform
Fluorescence microscope	Carl Zeiss AG	Zeiss Axio Imager M2	
Glass coverslips #1	Thermo scientifique	MENCS22221GP	
Glass coverslips #1.5	Zeiss	474030-9000-000	Made by SCHOTT
Glass slides	Thermo scientifique	MENS41104A/40	
Light LED	Schott	KL 300 LED	
Stereo Microscope	Olympus	SZ51	
Tryptone (Peptone from casein)	Merck	107213	Ingredients for Lysogeny Broth (LB) medium
Yeast Extract	Merck	103753	Ingredients for Lysogeny Broth (LB) medium
Sodium chloride	Merck	106404	Ingredients for Lysogeny Broth (LB) medium
Peptone (Peptone from meat)	Merck	107214	Ingredients for Nematode Growth Media (NGM) agar
Agar	Sigma	A1296	Ingredients for Nematode Growth Media (NGM) agar
Sodium chloride	Merck	106404	Ingredients for Nematode Growth Media (NGM) agar
Cholesterol	Sigma	C8667-25G	Ingredients for Nematode Growth Media (NGM) agar
Calcium chloride	Merck	102382	Ingredients for Nematode Growth Media (NGM) agar
Magnesium sulfate	Merck	105886	Ingredients for Nematode Growth Media (NGM) agar
Dipotassium phosphate	Merck	105101	Ingredients for Nematode Growth Media (NGM) agar
Potassium dihydrogen phosphate	Merck	104873	Ingredients for Nematode Growth Media (NGM) agar
Disodium phosphate	Merck	106586	Ingredients for M9 buffer
Sodium chloride	Merck	106404	Ingredients for M9 buffer
Potassium dihydrogen phosphate	Merck	104873	Ingredients for M9 buffer
Magnesium sulfate	Merck	105886	Ingredients for M9 buffer
Pasteur pipette	Corning	CLS7095D5X-200EA	
Petri dishes	Corning	CLS430589-500EA	

Platinum wire	Sigma	267201-2G	
Spatula	Met-app	2616	
Tetramisole hydrochloride	Sigma	L9756-5G	