

Materials List for:

Plate-based Large-scale Cultivation of *Caenorhabditis elegans*: Sample Preparation for the Study of Metabolic Alterations in Diabetes

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Materials

Name	Company	Catalog Number	Comments
<i>E. coli</i> OP50	CGC	n/a	
<i>C. elegans</i> N2	CGC	n/a	
<i>C. elegans</i> CL2166	CGC	n/a	
Petri dish, 60 mm x 15 mm	Greiner One	628161	
Volumetric pipet, glas, 10 mL	Neolab	E-0413	
Proteinase inhibitor cocktail tablets	Roche	04693124001	
<u>Non-denaturing lysate buffer:</u>			
Tris-HCl, pH 8	Sigma	T3253	
Sodiumchloride (NaCl)	Sigma	S7653	
Triton X-100	Sigma	X-100	
Ethylenediaminetetraacetic acid (EDTA)	Sigma	E5391	
96-well plates, transparent bottom	Brand	781611	
Infinite M200, plate reader	Tecan	30017581	
Zirconium Oxide Beads, 0.5 mm	Next advance	ZROB05-RNA	
Bullet Blender, homogenizer	Next advance	BBX24	
Pepsin from porcine gastric mucosa	Sigma	P6887	
Thymol	Sigma	T0501	
Pronase E/ Protease from <i>Streptomyces griseus</i>	Sigma	P6911	
Penicillin-Streptomycin solution	Sigma	P43339	
Prolidase from Porcine Kidney	Sigma	P6675	
Aminopeptidase from <i>Aeromonas proteolytica</i>	Sigma	A8200	
Amicon Ultra-0.5 Centrifugal Filter Unit	Merckmillipore	UFC501096	
Basic Materials for plate culture are described in Reference ⁶ .			