

Materials List for:

Using *Caenorhabditis elegans* for Studying Trans- and Multi-Generational Effects of Toxicants

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URL: <https://www.jove.com/video/59367>

DOI: [doi:10.3791/59367](https://doi.org/10.3791/59367)

Materials

Name	Company	Catalog Number	Comments
agar powder	OXOID, Thermo Fisher Scientific, UK	9002-18-0	
79nnHT Fast Real-Time PCR System	Applied Biosystems		
96-well sterile microplate	Costar?Corning?America		
Autoclave sterilizer	Tomy, Tomy Digital Biology, Japan		
Biosafety cabinet	LongYue, Shanghai longyue instrument equipment co. Ltd, China		
calcium chloride	Sinopharm chemical reagent company Ltd, China	10043-52-4	
centrifuge 5417R	Eppendorf, Ai Bende (Shanghai) International Trade Co., Ltd, Germany		
Centrifuge tubes	Axygen, Aixjin biotechnology (Hangzhou) co. Ltd, America		
cholesterol	Sinopharm chemical reagent company Ltd, China	57-88-5	
Dimethyl sulfoxide	VE TEC, Sigmar aldrich (Shanghai) trading co. Ltd, America	67-68-5	
disodium hydrogen phosphate	Sinopharm chemical reagent company Ltd, China	7558-79-4	
ethanol	Sinopharm chemical reagent company Ltd, China	64-17-5	
Filter	Thermo, Thermo Fisher Scientific, America		
incubator	YiHeng17, Shanghai yiheng scientific instrument co. Ltd, China		
inoculating loop			
K ₂ HPO ₄ ·3H ₂ O	Sinopharm chemical reagent company Ltd, China	16788-57-1	
kraft paper			
Microplate Reader	Boitek, Boten apparatus co. Ltd, America		
MgSO ₄ ·7H ₂ O	Sinopharm chemical reagent company Ltd, China	10034-99-8	

Microscopes XTL-BM-9TD	BM, Shanghai BM optical instruments manufacturing co. Ltd, China		
Petri dishes			
Pipette	Eppendorf, Ai Bende (Shanghai) International Trade Co., Ltd, Germany		
Potassium chloride	Sinopharm chemical reagent company Ltd, China	7447-40-7	
potassium dihydrogen phosphate	Sinopharm chemical reagent company Ltd, China	7778-77-0	
Qiagen RNeasy kits	Qiagen Inc., Valencia, CA, United States		
QuantiTect SYBR Green RT-PCR kits	Qiagen Inc., Valencia, CA, United States		
RevertAid First Strand cDNA Synthesis Kit	Thermo Scientific, Wilmington, DE, United States		
sodium chloride	Sinopharm chemical reagent company Ltd, China	7647-14-5	
sodium hydroxide	Sinopharm chemical reagent company Ltd, China	1310-73-2	
sodium hypochlorite solution	Aladdin, Shanghai Aladdin biochemical technology co. Ltd, China	7681-52-9	
tryptone	OXOID, Thermo Fisher Scientific, UK	73049-73-7	
yeast extract	OXOID, Thermo Fisher Scientific, UK	119-44-8	