

Materials List for

# Assessment of Aphidicidal Effect of Entomopathogenic Fungi against Parthenogenetic Insect, Mustard Aphid, *Lipaphis erysimi* (Kalt.)

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## Citation

Yang, C.J., Nai, Y.S. Assessment of Aphidicidal Effect of Entomopathogenic Fungi against Parthenogenetic Insect, Mustard Aphid, *Lipaphis erysimi* (Kalt.). *J. Vis. Exp.* (197), e65312, doi:10.3791/65312 (2023).

## Date Published

July 21, 2023

## DOI

10.3791/65312

## URL

jove.com/video/65312

## Materials

Name	Company	Catalog Number	Comments
10 µL Inoculating Loop	NEST Scientific	718201	
100 bp DNA Ladder III	Geneaid	DL007	
2x SuperRed PCR Master Mix	Biotools	TE-SR01	
50 mL centrifuge tube	Bioman Scientific	ET5050-12	
6 cm Petri dish	Alpha Plus Scientific	16021	
6 mm insect aspirator	MegaView Science	BA6001	
70 mm filter paper NO.1	Toyo Roshi Kaisha		
70% ethanol			
9 cm Petri dish	Alpha Plus Scientific	16001	
Agar	Bioman Scientific	AGR001.1	Microbiology grade
Agarose	Bioman Scientific	PB1200	
BioGreen Safe DNA Gel Buffer	Bioman Scientific	SDB001T	
Chromas	Technelysium		
GeneDoc			
GenepHlow Gel/PCR Kit	Geneaid	DFH300	<a href="https://www.geneaid.com/data/files/1605861013102532959.pdf">https://www.geneaid.com/data/files/1605861013102532959.pdf</a>
Gene-Spin Genomic DNA Isolation Kit	Protech Technology	PT-GD112-V3	<a href="http://www.protech-bio.com/UserFiles/file/Gene-Spin%20Genomic%20DNA%20Kit.pdf">http://www.protech-bio.com/UserFiles/file/Gene-Spin%20Genomic%20DNA%20Kit.pdf</a>
Hemocytometer	Paul Marienfeld	640030	
Komatsuna leaves ( <i>Brassica rapa</i> var. <i>perviridis</i> )	Tai Cheng Farm	1-010-300410	
Microsprayer			
MiniAmp Thermal Cycler	Thermo Fisher Scientific	A37834	
Mustard aphid ( <i>Lipaphis erysimi</i> )			
Painting brush	Tian Cheng brush company	4716608400352	
Parafilm M	Bemis	PM-996	

Pellet pestle	Bioman Scientific	GT100R	
Sabouraud Dextrose Broth	HiMedia	MH033-500G	
SPSS Statistics	IBM		
TAE buffer 50x	Bioman Scientific	TAE501000	
Tween 80	PanReac AppliChem	142050.1661	