

Materials List for:

Inhibition Of *Aspergillus Flavus* Growth And Aflatoxin Production In Transgenic Maize Expressing The α -amylase Inhibitor From *Lablab Purpureus* L.

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URL: <https://www.jove.com/video/59169>

DOI: [doi:10.3791/59169](https://doi.org/10.3791/59169)

Materials

Name	Company	Catalog Number	Comments
Agar	Caisson		
Amazing Marine Goop	Eclectic Products		
C1000 Touch CFX96 Real-Time System	Bio-Rad		
Corning Falcon Tissue Culture Dishes, 60 mm	Fisher Scientific	08-772F	
Eppendorf 5424 Microcentrifuge	Fisher Scientific		
Erlenmeyer flask with stopper, 50 mL	Ace Glass	6999-10	
Ethanol			
FluoroQuant Afla	Romer Labs	COKFA1010	
Fluted Qualitative Filter Paper Circles, 15 cm	Fisher Scientific	09-790-14E	
Force Air Oven	VWR		
FQ-Reader	Romer Labs	EQFFM3010	
Geno/Grinder 2010	OPS Diagnostics	SP 2010-115	
Innova 44 Incubator Shaker	Brunswick Scientific		
iScript cDNA Synthesis Kit	Bio-Rad	1708890	
liquid Nitrogen			
Low Form Griffin Beakers, 100 mL	DKW Life Sciences	14000-100	
Methanol			
Methylene Chloride			
Nexttec 1-step DNA Isolation Kit for Plants	Nexttec	47N	
Nikon Eclipse E600 microscope with Nikon DS-Qi1 camera	Nikon		
Nikon SMZ25 stereomicroscope with C-HGFI Episcopic Illuminator and Andor Zyla 4.2 sCMOS camera	Nikon		
Nunc Square BioAssay Dishes	ThermoFisher Scientific	240835	
Phire Plant Direct PCR Kit	ThermoFisher Scientific	F130WH	
Polycarbonate Vials, 15 ml	OPS Diagnostics	PCRVR 15-100-23	
Potato Dextrose Broth			
Snap Cap, 22 mm	DKW Life Sciences	242612	

Sodium Phosphate dibasic heptahydrate	Sigma-Aldrich		
Sodium Phosphate monobasic	Sigma-Aldrich		
Spectrum Plant Total RNA Kit	Sigma-Aldrich	STRN50	
Stainless Steel Grinding Balls, 3/8"	OPS Diagnostics	GBSS 375-1000-02	
Stir Plate			
Synergy 4 Fluorometer	Biotek		
T100 Thermal Cycler	Bio-Rad		
Triton X-100	Sigma-Aldrich	T-9284	
V8 juice	Campbell's		
Whatman Qualitative Grade Plain Sheets, Grade 3	Fisher Scientific	09-820P	
Wrist-Action Shaker	Burrell Scientific		