

Materials List for:

# A Simple Method for Isolation of Soybean Protoplasts and Application to Transient Gene Expression Analyses

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## Materials

Name	Company	Catalog Number	Comments
MES	Sigma Aldrich	M8250-100G	
Cellulase CELF	Worthington Biological Corporation	LS002611	
Pectolyase Y-23	BioWorld	9033-35-6	
CELLULASE "ONozUKA" R-10	yakult	10g	
MACEROZYME R-10	yakult	10g	
Mannitol	ICN Biomedicals	152540	
CaCl <sub>2</sub>	Fisher	C79-500g	
BSA	NEB	R3535S	
DTT	Sigma Aldrich	D5545-5G	
NaCl	Sigma Aldrich	S7653-1kg	
KCl	Fisher	P217-500g	
MgCl <sub>2</sub>	Sigma Aldrich	M8266-100g	
PEG4000	Fluka	81240	
nylon mesh	carolina	652222N	
Tissue Culture Plates	USA Scientific	CC7682-7506	
Razor Blades	Fisher	12-640	
hemacytometer	hauserscientific	1483	
QIAprep Spin Miniprep Kit	Qiagen	27104	
EZNA plasmid miniprep kit	Omega	D6942-01	
GeneJET Plasmid Miniprep Kit	Thermo Scientific	K0502	
Centrifuge 5810	eppendorf	5811000827	
Centrifuge 5424	eppendorf	22620401	
Jencons Powerpette Plus Pipet Controller	Jencons	14526-202	
Zeiss 710 Confocal Microscope	Zeiss	N/A	
Nonstick, RNase-free Microfuge Tubes, 1.5 mL	Ambion	AM12450	
15 mL Centrifuge Tubes	Denville	C1018-P	
50 mL Centrifuge Tubes	Denville	C1060-P	
Newborn Calf Serum	Thermo Scientific	16010159	
Soil	Ingram's Nursery		
perlite	Vigoro	100521091	
Torpedo Sand	JKS Ventures		
LB Broth, Lennox (Powder)	Fisher	BP1427-500	