

Materials List for:

Specific and Accurate Detection of the Citrus Greening Pathogen *Candidatus liberibacter* Spp. Using Conventional PCR on Citrus Leaf Tissue Samples

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Materials

Name	Company	Catalog Number	Comments
Wizard Genomic DNA Purification Kit	Promega	A1120	Source of Nuclei Lysis, RNase, Protein Precipitation, and DNA Rehydration solutions
Liquid nitrogen	Air Products	N/A	
Mastercycler pro with control panel	Eppendorf	6321000019	
1250 W Microwave	Panasonic	N/A	
5424 table top centrifuge	Eppendorf	05-403-93	
Isotemp 215 digital water bath	Fisher scientific	15-462-15Q	
Metal spatula	Sigma-Aldrich	Z283274	
Mortar and pestle	Sigma-Aldrich	Z247464	
LSE Vortex Mixer	Corning	6775	
2-propanol	Sigma-Aldrich	I9516	
Sterile 10 µL tips	TipOne	1161-3730	
Sterile 200 µL tips	TipOne	1163-1730	
Sterile 1250 µL tips	TipOne	1161-1750	
Variable Volume Pipettor Kit	VWR	75788-460	
Ethidium bromide	Sigma-Aldrich	E1510	
Agarose	IBI Scientific	IB70041	
EDTA	Thermo Fisher Scientific	17892	
Acetic acid	Fisher Chemical	A38-212	
Tris base	Sigma-Aldrich	10708976001	
µcuvette	Eppendorf	6138000018	
Stackable casting tray and combs	Carolina	213655	
PowerPac Basic Power Supply	Bio-Rad	1645050	
Mini-Sub Cell GT System	Bio-Rad	1704487EDU	
Biospectrometer basic	Eppendorf	6135000009	
0.2 mL PCR tubes	Fisher scientific	AB-0620	
1.5 mL microcentrifuge tubes	Thermo Fisher Scientific	3439	
2X Taq Green PCR Master Mix	Promega	M7122	
Forward Primer	Thermo Fisher Scientific	N/A	
Reverse Primer	Thermo Fisher Scientific	N/A	
Water, PCR grade	Sigma-Aldrich	3315953001	

Gel Doc XR+	Bio-Rad	1708195	
1 KB+ DNA ladder	Thermo Fisher Scientific	10787018	