

Materials List for:

A Loop-mediated Isothermal Amplification (LAMP) Assay for Rapid Identification of *Bemisia tabaci*

Simon Blaser^{1,2,3}, Hanspeter Diem⁴, Andreas von Felten⁴, Morgan Gueuning¹, Michael Andreou⁵, Neil Boonham^{6,7}, Jennifer Tomlinson⁶, Pie Müller^{2,3}, Jürg Utzinger^{2,3}, Beatrice Frey¹, Jürg E. Frey¹, Andreas Bühlmann⁸

¹Department of Method Development and Analytics, Agroscope

²Swiss Tropical and Public Health Institute

³University of Basel

⁴Swiss Federal Plant Protection Service, Federal Office for Agriculture

⁵OptiGene Limited

⁶Fera Science Limited

⁷School of Natural and Environmental Sciences, Newcastle University

⁸Department of Plants and Plant Products, Agroscope

Correspondence to: Simon Blaser at simon.blaser@agroscope.admin.ch

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Materials

Name	Company	Catalog Number	Comments
<i>B. tabaci</i> LAMP primer mix	OptiGene Ltd.	on request	For preparation of read-to-use <i>B. tabaci</i> LAMP kit
Centrifuge MiniSpin	Eppendorf AG	545200010	For several centrifugation steps
Cresol red (red dye)	Sigma-Aldrich Corp.	114472	Component of DNA extraction solution
Eppendorf ThermoMixer	Eppendorf AG	538200015	For DNA extraction
Genie II (on-site LAMP analysis device)	OptiGene Ltd.	Genie® II	For LAMP analysis
Genie Strips (8-tube LAMP strips)	OptiGene Ltd.	OP-0008-50	For preparation of read-to-use <i>B. tabaci</i> LAMP kit
HotStarTaq Master Mix	Qiagen AG	203443	For generation of positive amplification control
Labcyler (Thermocycler)	SensoQuest GmbH, distributed by Witec AG	011-103	For DNA extraction
GspSSD Lyse n' Lamp Isothermal Mastermix	OptiGene Ltd.	ISO-001LNL	For preparation of read-to-use <i>B. tabaci</i> LAMP kit
Mini centrifuge Labnet Prism	Labnet International Inc.	C1801	For several centrifugation steps
NucleoFast 96 PCR	Marcherey-Nagel GmbH	743500.4	For clean-up of positive amplification control
Potassium hydroxide solution	Sigma-Aldrich Corp.	319376	Component of DNA extraction solution
Qbit Fluorometer 3	Thermo Fisher Scientific Corp.	Q33226	For measuring DNA concentration of positive control
Qubit dsDNA HS Assay Kit	Thermo Fisher Scientific	Q32854	For clean-up of positive amplification control
Safe-Lock Tubes 0.5 mL (microcentrifuge tube)	Eppendorf AG	0030 121.023	For DNA extraction
Safe-Lock Tubes 2.0 mL (microcentrifuge tube)	Eppendorf AG	0030 120.094	For preparation of read-to-use <i>B. tabaci</i> LAMP kit
Wood Toothpicks	VWR International LLC	470226-594	For DNA extraction
Vortex-Genie 2 (Vortex)	Scientific Industries Inc.	SI-0236	For several mixing steps