

EUROPEAN AND MEDITERRANEAN PLANT PROTECTION ORGANIZATION
ORGANISATION EUROPEENNE ET MEDITERRANEENNE POUR LA PROTECTION DES PLANTES
Summary sheet of validation data for a diagnostic test

The EPPO Standard PM 7/98 *Specific requirements for laboratories preparing accreditation for a plant pest diagnostic activity* describes how validation should be conducted. It also includes definitions of performance criteria.

Laboratory contact details	AGES Institute of Sustainable Plant Production Spargelfeldstrasse 191, 1220 Vienna, Austria
Short description of the test	Lateral flow devices for fire blight testing
Date, reference of the validation report	2012-12-18 -
Validation process according to EPPO Standard PM7/98?	yes
Is the lab accredited for this test?	no
Was the validated data generated in the framework of a project?	
Description of the test	
Organism(s)	Erwinia amylovora (ERWIAM)
Detection / identification	detection
Method(s)	Serological Lateral Flow Device Serological Lateral Flow Device (2)
Method: Serological Lateral Flow Device	
Reference of the test description	
As or adapted from an EPPO diagnostic protocol	yes
EPPO Diagnostic Protocol name	PM 7/020 Erwinia amylovora (version 2)
Name of the test	Lateral flow devices
Is the test modified compared to the reference test	no
Kit	
Is a kit used	yes
Manufacturer name	BIOREBA
Specify the kit used	AgriStrip Erwinia amylovora
Kit used following the manufacturer's instructions?	
Other information	
Method: Serological Lateral Flow Device (2)	
Reference of the test description	
As or adapted from an EPPO diagnostic	yes

protocol	
EPPO Diagnostic Protocol name	PM 7/020 Erwinia amylovora (version 2)
Name of the test	Lateral flow devices
Is the test modified compared to the reference test	no
Kit	
Is a kit used	yes
Manufacturer name	POCKET DIAGNOSTIC
Specify the kit used	Pocket Diagnostic® rapid plant disease tests - Erwinia amylovora
Kit used following the manufacturer's instructions?	
Other information	
Are the performance characteristics included in the EPPO diagnostic protocol?	yes
Performance Criteria :	
Organism 1.:	Erwinia amylovora(ERWIAM)
Analytical specificity - exclusivity	
Number of non-target organisms tested	14
Specificity value	Also cross react with Erwinia tasmaniensis
Cross reacts with	Erwinia uzenensis Erwinia piriflorinigrans Erwinia pyrifoliae
Test performance study	
Test performance study?	no
Other information	
Any other information considered useful	Is routinely being used for testing isolated pure cultures of Erwinia amylovora isolates
The following complementary files are available online:	<ul style="list-style-type: none"> • Table on cross reaction of Erwinia amylovora LFDs

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