

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	Bacteriology. Instituto Valenciano de Investigaciones Agrarias CV-315, km. 10.7, 46113 Moncada, Spain
Short description of the test	Proficiency testing for the evaluation of molecular diagnosis of <i>Xylella fastidiosa</i> . The panel of samples included randomized <i>Xylella</i> -free preparations and samples spiked with heat-inactivated (incubation at 70C for 15min) bacterial suspensions at different concentrations, prepared by scraping 10 days old colonies of <i>X. fastidiosa</i> subsp. <i>pauca</i> strain CoDiRO (CFBP 8402)
Date, reference of the validation report	2021-03-08 - EU-XF- PT-2017-02
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?	Other_project
If yes, please specify	POnte project
Description of the test	
Organism(s)	<i>Xylella fastidiosa</i> (XYLEFA)
Detection / identification	detection
Matrix(ces) tested	Other Crude sap prepared from olive leaf petioles macerated using the appropriate extraction buffers according to the different protocols to be evaluated.
Plant species tested	<i>Olea europaea</i>
Method(s)	Molecular Extraction DNA RNA Molecular Conventional PCR Molecular real time PCR
Method: Molecular Extraction DNA RNA	
Reference of the test description	
Other information	
Method: Molecular Conventional PCR	
Reference of the test description	
Other information	

Method: Molecular real time PCR	
Reference of the test description	
Other information	
Performance Criteria :	
Organism 1.:	Xylella fastidiosa(XYLEFA)
Test performance study	
Test performance study?	no
The following complementary files are available online:	
	<ul style="list-style-type: none"> • Proficiency testing for the evaluation of molecular and serological diagnosis of Xylella fastidiosa

Creation date: 2021-03-08 09:10:02 - Last update: 2021-03-08 09:13:19