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	Netherlands Institute for Vectors, Invasive plants and Plant health P.O. Box 9102, 6700 HC Wageningen, Netherlands
Short description of the test	identification of Xanthomonas fragariae by Serological IF in Pure culture
Date, reference of the validation report	2017-10-18 - BAC-2017-001 Validatie van IF voor identificatie van X. axonopodis pv. dieffenbachiae en X. fragariae
Validation process according to EPPO Standard PM7/98?	yes
Is the lab accredited for this test?	yes
Was the validated data generated in the framework of a project?	no
Description of the test	
Organism(s)	Xanthomonas fragariae (XANTFR)
Detection / identification	identification
Matrix(ces) tested	Pure culture
Method(s)	Serological IF
Method: Serological IF	
Reference of the test description	
As or adapted from an EPPO diagnostic protocol	yes
New test being considered for inclusion in the next version of the EPPO diagnostic protocol?	no
EPPO Diagnostic Protocol name	PM 7/065 Xanthomonas fragariae (version 1)
Name of the test	IF - EU (1998)
As or adapted from an IPPC diagnostic protocol	no
Is the test modified compared to the reference test	no
Kit	
Is a kit used	no
Other information	

Other details on the test	Anti serum IPO 9534 BCD1 was used.
Performance Criteria :	
Organism 1.:	**Xanthomonas fragariae(XANTFR)**
Analytical specificity - inclusivity	
Number of strains/populations of target organisms tested	X. fragariae isolates of NPPO-NL were used: PD 885, PD 6998-7021, PD 6824, PD 6826, PD 6896, PD 6898, PD 6901, PD 6908, PD 6911, PD 6942, PD 6944, PD 6924, PD6933, PD 6254, PD 6978-6981, PD 2662, PD 2664, PD 2895, PD 3161, PD 3163, PD 4553, PD 4585, PD 5626, k3366, k3488, k3496, k3527, k3654, k3679, k3688, k3692, k3707. k3710, 3741, k3765, k3841.
Specificity value	100%
Analytical specificity - exclusivity	
Number of non-target organisms tested	Isolates of NPPO-NL were used: X. a. fragariae PD 2694, PD 2697, PD 2806, PD 3164, X. c. dieffenbachiae PD 4238, X. c. phaseoli PD 4544.
Specificity value	83%
Cross-reacts with	Xanthomonas arboricola pv. fragariae
Test performance study	
Test performance study?	no
The following complementary files are available online:	• BAC-2017-001 Validatie van IF voor identificatie van X. c. dieffenbachiae en X. fragariae

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