

**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.

<b>Laboratory contact details</b>	Netherlands Institute for Vectors, Invasive plants and Plant health P.O. Box 9102, 6700 HC Wageningen, Netherlands
<b>Short description of the test</b>	identification of <i>Xanthomonas axonopodis</i> pv. <i>dieffenbachiae</i> by Serological IF in Pure culture
<b>Date, reference of the validation report</b>	2017-10-18 - BAC-2017-001 Validatie van IF voor identificatie van <i>X. axonopodis</i> pv. <i>dieffenbachiae</i> en <i>X. fragariae</i>
<b>Validation process according to EPPO Standard PM7/98?</b>	yes
<b>Is the lab accredited for this test?</b>	yes
<b>Was the validated data generated in the framework of a project?</b>	no
<b>Description of the test</b>	
<b>Organism(s)</b>	<i>Xanthomonas axonopodis</i> pv. <i>dieffenbachiae</i> (XANTDF)
<b>Detection / identification</b>	identification
<b>Matrix(ces) tested</b>	Pure culture
<b>Method(s)</b>	Serological IF
<b>Method: Serological IF</b>	
<b>Reference of the test description</b>	
<b>As or adapted from an EPPO diagnostic protocol</b>	yes
<b>New test being considered for inclusion in the next version of the EPPO diagnostic protocol?</b>	no
<b>EPPO Diagnostic Protocol name</b>	PM 7/023 <i>Xanthomonas axonopodis</i> pv. <i>dieffenbachiae</i> (version 2)
<b>Name of the test</b>	Immunofluorescence test
<b>As or adapted from an IPPC diagnostic protocol</b>	no
<b>Kit</b>	
<b>Is a kit used</b>	no
<b>Other information</b>	

<b>Other details on the test</b>	Anti serum IPO 9323 BCD1/1a was used.
<b>Performance Criteria :</b>	
<b>Organism 1.:</b>	<b>Xanthomonas axonopodis pv. dieffenbachiae(XANTDF)</b>
<b>Analytical specificity - inclusivity</b>	
<b>Number of strains/populations of target organisms tested</b>	X. c. dieffenbachiae solates from NPPO-NL were used: PD 992, PD 1483, PD 2180, PD 2628, PD 3185, PD 3186, PD 3563, PD 3566, PD 2170, PD 3647, PD 4013, PD 4100, PD 4238, PD 4334, PD 5484, PD 5504, PD 5505, PD 5538, k3605.
<b>Specificity value</b>	100%
<b>Analytical specificity - exclusivity</b>	
<b>Number of non-target organisms tested</b>	Isolates from NPPO-NL were used: X. c. hyacinthi PD 280, X. c. manihotis PD 2525, X. c. pelargonii PD 698 and PD 1698, X. c. poinsettiicola PD 997, X. c. vesicatoria PD 512, Acidovorax sp. PD 2910
<b>Specificity value</b>	100%
<b>Test performance study</b>	
<b>Test performance study?</b>	no
The following complementary files are available online:	
	<ul style="list-style-type: none"> <li>• <a href="#">BAC-2017-001 Validatie van IF voor identificatie van X. c. dieffenbachiae en X. fragariae</a></li> </ul>

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