

**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>	Central Institute for supervising and testing in agriculture Slechtitelu 773/23, 779 00 Olomouc, Czech Republic
<b>Short description of the test</b>	Detection of plum pox virus using DAS-ELISA in leaves
<b>Date, reference of the validation report</b>	2018-05-21 - F-281201-28
<b>Validation process according to EPPO Standard PM7/98?</b>	no
<b>Is the lab accredited for this test?</b>	yes
<b>Was the validated data generated in the framework of a project?</b>	
<b>Description of the test</b>	
<b>Organism(s)</b>	Potyvirus plumpoxi(PPV000)
<b>Detection / identification</b>	detection
<b>Method(s)</b>	Serological DAS-ELISA
<b>Method: Serological DAS-ELISA</b>	
<b>Reference of the test description</b>	
<b>Other information</b>	
<b>Other details on the test</b>	DAS-ELISA, comparison extraction buffer #13(Bioreba) and extraction buffer #2
<b>Are the performance characteristics included in the EPPO diagnostic protocol?</b>	no
<b>Performance Criteria :</b>	
<b>Organism 1.:</b>	<b>Potyvirus plumpoxi(PPV000)</b>
<b>Analytical sensitivity</b>	
<b>What is smallest amount of target that can be detected reliably?</b>	Dilution 1000x for the two extraction buffers
<b>Analytical specificity - inclusivity</b>	
<b>Number of strains/populations of target organisms tested</b>	2 PPV (Wz22.3.14/23.8.17, Wz20.4.14/2.3.18)
<b>Specificity value</b>	

<b>Analytical specificity - exclusivity</b>	
<b>Number of non-target organisms tested</b>	3 PDV, PNRSV, CLRV
<b>Specificity value</b>	For the two extraction buffers: Specific reaction for PPV, antiserum does not react with PDV, PNRSV, CLRV
<b>Reproducibility</b>	
<b>Provide the calculated % of agreement for a given level of the pest (see PM 7/98)</b>	For the two extraction buffers: 100%
<b>Repeatability</b>	
<b>Provide the calculated % of agreement for a given level of the pest (see PM 7/98)</b>	For the two extraction buffers: 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="#">Validation report PPV ELISA</a></li> </ul>

Creation date: 2022-03-15 16:08:57 - Last update: 2022-03-15 16:13:41