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	Bavarian State Research Center for Agriculture, Institute for Plant Protection - Phytopathology and Diagnosis Lange Point 10, 85354 Freising, Germany	
Short description of the test	Detection of Pantoea stewartii subsp. stewartii in plant and seed extract by conventional PCR	
Date, reference of the validation report	2017-09-19 -	
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?		
Description of the test		
Organism(s)	Pantoea stewartii subsp. stewartii (ERWIST)	
Detection / identification	detection	
Method(s)	Molecular Conventional PCR	
Method: Molecular Conventional PCR		
Reference of the test description		
As or adapted from an EPPO diagnostic protocol	no	
As or adapted from an IPPC diagnostic protocol	no	
Reference of the test	Gehring I, Wensing A, Gernold M, Wiedemann W, Coplin DL Geider K (2014) Molecular differentiation of Pantoea stewartii subsp. indologenes from subspecies stewartii and identification of new isolates from maize seeds. Journal of Applied Microbiology 116, 1553-1562. Nechwatal J, FriedrichZorn M, Theil S, Gebauer P, Wensing A (2018) Validation of a specific PCR screening test for Pantoea stewartii subsp. stewartii in maize (Zea mays) samples. Bulletin OEPP/ EPPO Bulletin, in press.	
Other information		
Are the performance characteristics included in the EPPO diagnostic protocol?	no	

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ı	The following complementary files are available online:		

Creation date: 2018-01-09 00:00:00 - Last update: 2021-05-19 17:01:40