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	Anses Plant Health Laboratory - Bacteriology, Virology and GMO Unit 7 rue Jean Dixméras, 49044 Angers, France
Short description of the test	Detection of Begomoviruses by molecular conventional PCR in leaves
Date, reference of the validation report	2017-05-01 - Deng et al. 1994
Validation process according to EPPO Standard PM7/98?	no
Is the lab accredited for this test?	no
Was the validated data generated in the framework of a project?	no
Description of the test	
Organism(s)	Begomovirus (1BEGOG)
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
New test being considered for inclusion in the next version of the EPPO diagnostic protocol?	no
As or adapted from an IPPC diagnostic protocol	no
Reference of the test	DENG, D., MCGRATH, P.F., ROBINSON, D.J. and HARRISON, B.D. (1994), Detection and differentiation of whitefly-transmitted geminiviruses in plants and vector insects by the polymerase chain reaction with degenerate primers. Annals of Applied Biology, 125: 327-336. https://doi.org/10.1111/j.1744-7348.1994.tb04973.x
Is the test modified compared to the reference test	no
Kit	
Is a kit used	no

Other information	
Reaction type	Simplex
Performance Criteria :	
Organism 1.:	**Begomovirus(1BEGOG)**
Analytical specificity - inclusivity	
Number of strains/populations of target organisms tested	Tested on 7 samples representing 7 different species
Specificity value	28%
Test performance study	
Test performance study?	no

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