



*Accredia approach to
flexible scope*

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10th September 2019

Plant pest diagnostic labs

- 2 PUBLIC LABS
- 2 PRIVATE LABS



LABORATORY-DEVELOPED METHODS

- MULTIPLEX REAL TIME PCR
- PCR
- RT-PCR
- ELISA

NATIONAL LEGISLATION

- ELISA - DM



FIXED Scope

Foglie di solanacee ornamentali e ortive/ Leaves from ornamental and vegetables solanaceae		
<i>Denominazione della prova / Campi di prova</i>	<i>Metodo di prova</i>	<i>O&I</i>
Pospiviroidi/Pospiviroid (diluizione dell'estratto virale $\leq 10^{-2}$)	MPI 02 rev 7 2018	
Foglie e semi di pomodoro/ Tomato leaves and seeds		
<i>Denominazione della prova / Campi di prova</i>	<i>Metodo di prova</i>	<i>O&I</i>
PepMV (Pepino Mosaic Virus)/PepMV (Pepino Mosaic Virus) (diluizione dell'estratto virale $\leq 10^{-1}$)	MPI 01 rev 8 2017	
Frutti di arancio/ Orange fruits		
<i>Denominazione della prova / Campi di prova</i>	<i>Metodo di prova</i>	<i>O&I</i>
Guignardia citricarpa/Guignardia citricarpa (quantità di DNA fungino ≥ 10 fg)	MPI 03 rev 7 2017	
Frutti di prunus/ Prunus fruits		
<i>Denominazione della prova / Campi di prova</i>	<i>Metodo di prova</i>	<i>O&I</i>
Monilinia fruticola/Monilinia fruticola (quantità di DNA fungino $\geq 2,5$ pg)	MPI 04 rev 8 2017	
Tessuto floematico da materiale legnoso del periodo invernale/ Phloem from wood material of the winter period		
<i>Denominazione della prova / Campi di prova</i>	<i>Metodo di prova</i>	<i>O&I</i>
ArMV (Arabis mosaic virus)/ArMV (Arabis mosaic virus), GFLV (Grapevine fanleaf virus)/GFLV (Grapevine fanleaf virus), GLRaV-1 (Grapevine leafroll-associated virus 1)/GLRaV-1 (Grapevine leafroll-associated virus 1), GLRaV-3 (Grapevine leafroll-associated virus 3)/GLRaV-3 (Grapevine leafroll-associated virus 3) (GLRaV-1, -3, ArMV $\leq 10^{-2}$; GVA, GFLV $\leq 10^{-1}$)	DM 13/12/2011 GU n 50 29/02/2012 All 1 - escluso Campionamento	

CLAMPIONAMENTO

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Floema di drupacee/ Stone fruit phloem . Foglie di drupacee/ Stone fruit leaves		
<i>Denominazione della prova / Campi di prova</i>	<i>Metodo di prova</i>	<i>O&I</i>
CLRV (Cherry leaf roll virus)/CLRV (Cherry leaf roll virus), PDV (Prunus dwarf virus)/PDV (Prunus dwarf virus), PNRSV (Prunus necrotic ring spot virus)/PNRSV (Prunus necrotic ring spot virus), PPV (Plum pox virus)/PPV (Plum pox virus) ($10^4 - 10^5$ particelle virali/ml)	MPI 01 rev 16 2019	
Floema di drupacee/ Stone fruit phloem . Foglie di drupacee/ Stone fruit leaves, Foglie e floema di fragola/ Strawberry leaves and phloem		
<i>Denominazione della prova / Campi di prova</i>	<i>Metodo di prova</i>	<i>O&I</i>
ArMV (Arabis mosaic virus)/ArMV (Arabis mosaic virus), SRSV (Strawberry latent ring spot virus)/SRSV (Strawberry latent ring spot virus), TBRV (Tomato black ring virus)/TBRV (Tomato black ring virus) ($10^4 - 10^5$ particelle virali/ml)	MPI 01 rev 16 2019	
Floema di drupacee/ Stone fruit phloem . Foglie di drupacee/ Stone fruit leaves, Foglie e floema di pomacee/ Pomaceous leaves and phloem		
<i>Denominazione della prova / Campi di prova</i>	<i>Metodo di prova</i>	<i>O&I</i>
ACLSV (Apple chlorotic leaf spot virus)/ACLSV (Apple chlorotic leaf spot virus), ApMV (Apple mosaic virus)/ApMV (Apple mosaic virus) ($10^4 - 10^5$ particelle virali/ml)	MPI 01 rev 16 2019	
Foglie e floema di fragola/ Strawberry leaves and phloem		
<i>Denominazione della prova / Campi di prova</i>	<i>Metodo di prova</i>	<i>O&I</i>
RpRSV (Raspberry ring spot virus)/RpRSV (Raspberry ring spot virus), SMYEV (Strawberry mild yellow edge virus)/SMYEV (Strawberry mild yellow edge virus), TNV (Tobacco necrosis virus)/TNV (Tobacco necrosis virus), ToRSV (Tomato ring spot virus)/ToRSV (Tomato ring spot virus) ($10^4 - 10^5$ particelle virali/ml)	MPI 01 rev 16 2019	
Foglie e floema di pomacee/ Pomaceous leaves and phloem		
<i>Denominazione della prova / Campi di prova</i>	<i>Metodo di prova</i>	<i>O&I</i>
ASGV (Apple stem grooving virus)/ASGV (Apple stem grooving virus) ($10^4 - 10^5$ particelle virali/ml)	MPI 01 rev 16 2019	

Tracci di Vite
 Denominazione della prova / Campi di prova
 Vite della vite: qualisdrac-A (GVA), Grapevine fanleaf virus (GFLV), Grapevine leaf roll associated virus 1 (GLRaV-1), Grapevine leaf roll associated virus 3 (GLRaV-3)
 Metodo di prova
 DM 13/12/2011 GU n 50 29/02/2012 All 1 - escluso Campionamento

Fixed & Flexible scope

Laboratories can require the extension for the flexible scope provided that that they have been accredited with fixed accreditation,

for at least two years,

testing methods with the same testing/measuring technique for similar measurands/matrices, as requested by

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The accreditation in the flexible scope

implies a greater responsibility of the CAB

as regards the need to give evidence about the validity, fit for purpose and that it takes place with impartiality, competence and consistency.

Fixed & Flexible scope

The technical ability of the CAB to manage the flexible scope independently is the key.

For this reason flexible scope accreditation may be granted only when the CAB has demonstrated that it has a planning and development process able to manage its tests within the flexible scope requested

Flexible scope accreditation is not determined only by the technical competence of the CAB but it is also determined by its ability to manage this accreditation process

The CAB shall demonstrate that it has applied a specific procedure for the management of the flexible scope of accreditation with respect to the requirements of ILAC G-18, EA-2/15 and EA-2/18, which include at least the following:

- the conditions of applicability/non-applicability of flexible accreditation;
 - definition of the responsibility of the decision to apply flexible accreditation;
 - modalities for development, validation and verification of activities for inclusion in the flexible accreditation;
 - modalities for performing the contract review, including information for clients regarding the application of flexible accreditation;
 - modalities for the management of the detailed list of flexible accreditation so as to provide precise information concerning the activities covered by the accreditation
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The procedure shall:

- provide details of the modalities for the planning and performance of the various phases of the validation;
 - specify the criteria for the definition of the performance characteristics of the method and of acceptance/non-acceptance of the values;
 - describe the modalities and responsibilities for the validation of methods with respect to flexibility;
 - regulate the modalities and responsibilities for updating the detailed list;
 - give evidence that the verification/validation activities of the procedures are performed before entry on the list.
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For testing labs the application for the flexible scope shall be considered an extension and shall describe the field of application and it shall be accompanied by:

- a letter containing a description of **the typology of application** of the flexible accreditation scope (e.g. flexibility by matrix and/or measurand and/or method, granted the testing technique);
 - **the methods developed** by the lab accompanied by the declaration of validation (if present);
 - evidence of the accreditation, since at least **two years**, of testing methods carried out with the same technique for matrices that can be assimilated;
 - **the procedure** set out by the lab for the management of flexible accreditation
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The first application for extension for the flexible accreditation scope
for testing labs
will be evaluated by the member of the Accreditation Committee
and after the assessment

the Accreditation Committee will decide with regard to the accreditation.

During assessment, great attention should be paid to:

- agreements with clients and contract review;
 - competence and responsibilities of personnel involved in the management of tests schemes in the flexible scope;
 - choice of testing method, validation of the method, assessment of measurement uncertainty and update of the method;
 - information contained in the testing reports, including, when necessary, the measurement uncertainty;
 - the management process of the flexible scope, of validation, of the list of tests with flexible scope accreditation (responsibilities, modalities for the inclusion, modifications and cancellations of tests, application date etc.)
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After the assessment ACCREDIA informs the lab regarding the decision of the Accreditation Committee for extension of the flexible scope of accreditation.

The labs shall keep

un updated list of methods and relative scopes of application

managed under flexible scope of accreditation which is similar to the list of tests related to the fixed accreditation

The list shall contain at least:

- ✓ Material /product / testing matrix;
- ✓ measurand / property measured / denomination of the test,
- ✓ testing technique,
- ✓ testing method with code, year and (only for methods developed by the lab) status of revision.

The list shall be completed in the reserved area of the ACCREDIA website by the lab which is responsible for the contents and the update status.



Thanks for Your attention

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