



Catalog 2026



Distribuciones Industriales y Científicas S.L.

ciencia e innovación

Welcome to the LOEWE® Plant Diagnostics Catalog 2026

Plant health is complex. Each crop faces different pathogens, and each stage of production – from seed to greenhouse to field – requires the right diagnostic approach. This catalog brings clarity to that complexity by combining **innovative methods with practical, crop-oriented solutions**.

With this catalog, LOEWE® equips you with **practical tools and guidance** to detect, monitor, and manage plant health efficiently – **supporting your work from seed to harvest.**

What you will find inside

- **Diagnostic Methods:** qPCR, End-point PCR, ELISA, Immunofluorescence, and Rapid Tests – each suited to specific applications, from **high-sensitivity** lab confirmation to **fast on-site** decisions.
- **Crop & Pathogen Toolboxes:** For **each major crop group**, we highlight the most **economically relevant pathogens and recommend the optimal testing methods**. This structured approach allows you to quickly identify the right solutions for your situation, while still providing access to the full LOEWE® portfolio for specialized needs.
- Watch out for many practical insights and tips for successful plant pathogen testing in **the lab or in the field**.

What's different:

- **Solution-oriented:** Follow our **little method icons** to navigate easily from crop to pathogen to method.
- **Modular & colorful:** color codes for every method. Easily switch to your page of interest.
- **Economically relevant:** Focus on the key pathogens that impact yield and quality, helping you prioritize resources effectively.

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Methods Overview: our Options for Plant Disease Testing

Choosing the **right diagnostic method** is key to **reliable plant health decisions**. Depending on crop, pathogen, testing environment, and required sensitivity, **different technologies** offer distinct advantages.

LOEWE® offers a range of **complementary diagnostic methods** to meet every **testing need**. Select the **appropriate approach** based on your sample type, resource availability, and desired outcome. Below is an **overview of the testing methods** we offer, each with **unique strengths and optimal applications**.

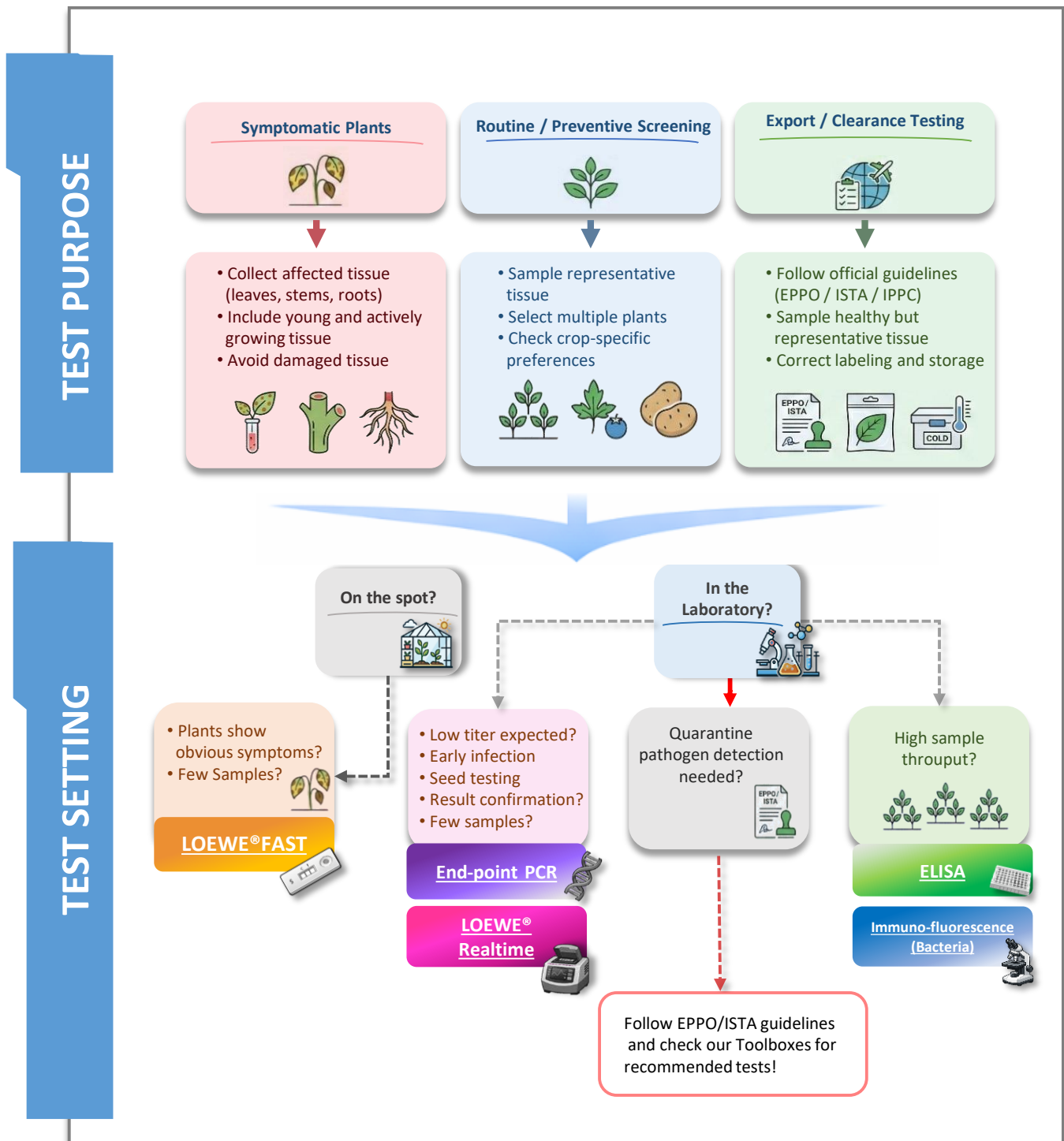
Diagnostic Solutions tailored to your needs

Method	Key Features	Best Use	Time to result	Infra-structure
 Realtime/ qPCR (Quantitative PCR)	Real-time detection, very high sensitivity, quantitative results	Confirmatory testing, low pathogen load, precise quantification	1 day	Laboratory
 End-point PCR	Detects presence/absence, robust, widely used	Basic confirmatory testing,	1 day	Laboratory
 Rapid Tests	On-site, simple to use	Field testing, quick decisions	15-20 min	Minimal
 ELISA	High-throughput, reliable, cost effective	Routine monitoring, batch testing	2 days	Laboratory
 Immuno- fluorescence (IF)	Direct visualization of bacteria	Differentiation, research applications	1 day	Laboratory

Decision Matrix: choose the right approach for your needs

This page provides a structured overview of LOEWE Plant Diagnostics' **core detection methods** and guides you through a practical decision matrix.

From **rapid on-site screening to high-sensitivity laboratory confirmation**, the decision flow helps you quickly identify the most suitable testing approach for your specific application.



LOEWE®s Crop & Pathogen Toolboxes

This section presents an **economically relevant selection of key pathogens and their recommended diagnostic methods** for each major crop group. Each toolbox shows the most suitable test formats—qPCR, End-point PCR, ELISA, Immunofluorescence, and Rapid Tests -tailored to the application scenario, from seed and greenhouse testing to field inspection and laboratory confirmation.



Cereals

Test Method
Code

Barley Yellow Dwarf Virus					
Wheat Streak Mosaic Virus					
Wheat Dwarf Virus					
Barley Yellow Mosaic Virus					
Barley Mild Mosaic Virus					
Barley Stripe Mosaic Virus					
Fusarium graminearum					
Fusarium culmorum					
Maize Dwarf Mosaic Virus					
Rice Yellow Mottle Virus					
Brome Mosaic Virus					
Xanthomonas oryzae					
Tobacco Rattle Virus (Broad Range)					



Potatoes

Test Method
Code

Potato Virus Y					
Potato Virus X					
Potato Leafroll Virus (PLRV)					
Potato Mop Top Virus					
Potato Virus A, M, S					
Andean Potato Mottle Virus					
Andean Potato Latent Virus					
Clavibacter m. subsp. sepedonicus					
Dickeya chrysanthemi					
Pectobacterium atrosepticum					
Ralstonia solanacearum					
Tobacco Rattle Virus					
Potato Black Ringspot Virus					



Fruit & Wine

Test Method
Code

Grapevine Leafroll ass. Virus-1					
Grapevine Leafroll ass. Virus-3					
Apple Proliferation Phytoplasma					
Apple Mosaic Virus					
Plum Pox Virus					
Prunus Necrotic Ringspot Virus					
Prune Dwarf Virus					
Citrus Tristeza Virus					
Xylella fastidiosa					
Erwinia amylovora					
Botrytis cinerea (grapevine)					
Xanthomonas citri pv. citri					
Xylophilus ampelinus					



Vegetables

Test Method
Code

Tomato Yellow Leafcurl Virus					
Tomato Brown Rugose Fruit V.					
Tomato Spotted Wilt Virus					
Tobamoviruses					
Tomato Mottle Mosaic Virus					
Tomato Leafcurl New Delhi V.					
Pepino Mosaic Virus					
Cucumber Mosaic Virus					
Cucumber Green Mottle Mosaic V.					
Zucchini Green Mottle Mosaic V.					
Ralstonia solanacearum					

LOEWE®s Crop & Pathogen Toolboxes



Ornamentals

Test Method
Code

Carnation Latent Virus					
Carnation Mottle Virus					
Carnation Ringspot Virus					
Chrysanthemum Virus B					
Hydrangea Ringspot Virus					
Impatiens Necrotic Spot Virus					
Nemesia Ring Necrosis Virus					
Pelargonium Flower Break Virus					
Pelargonium Leafcurl Virus					
Pelargonium Line Pattern Virus					
Petunia Asteroid Mosaic Virus					
Tobamovirusscreen II					
Xanthomonas h. pv. pelargonii					



Legumes & Special Crops

Test Method
Code

Beet Necrotic Yellow Vein Virus					
Beet Yellow Virus					
Bean Common Mosaic (Necrosis) Virus					
Bean Yellow Mosaic Virus					
Soybean Mosaic Virus					
Pea Enation Mosaic Virus					
Pea Seed-borne Mosaic Virus					
Pea Necrotic Yellow Dwarf V.					
Broad Bean Wilt Virus I					
Broad Bean Wilt Virus II					
Alfalfa Mosaic Virus					
Aster Yellows Phytoplasma					
Xanthomonas a. pv. phaseoli					



Woody Plants

Test Method
Code

Common Oak Ringspot Virus					
Elm Yellows Phytoplasma					
European Mountain Ash Ringspot-associated Virus					
Cherry Leafroll Virus					
Ribgrass Mosaic Virus					
Xylella fastidiosa					



Cannabis & Emerging Crops

Test Method
Code

Arabid Mosaic Virus					
Hop Latent Viroid					
Tobacco Mosaic Virus					
Tomato Mosaic Virus					
Cucumber Mosaic Virus					
Broad host-range Tobamoviruses					

Test Method
Code:

 **LOEWE®REALTIME**

 **End-Point PCR**

 **LOEWE®FAST**

 **ELISA**

 **Immunofluorescence**



LOEWE®Realtime PCR are our most sensitive method for detecting RNA- or DNA-containing plant pathogens, combining pathogen-specific primers with either **DNA-binding dyes** or **fluorescently labeled probes** to monitor amplification effectively. Fluorescence detection is performed using **SolisGreen®**, fully compatible with all standard qPCR cyclers configured for SYBR®Green settings, or **FAM™-labeled probes**. For FAM™ and HEX-labeled probes, the corresponding **FAM™ and HEX channels** are required.

LOEWE® REALTIME Reaction Kits for Bacteria

Our kits feature two efficient detection methods

- **Dye-based detection** using *SolisGreen®* – compatible with all standard qPCR cyclers set up for SYBR®Green
- **Probe-based detection** with *FAM™*-labeled fluorescence probes for highly accurate results

One Kit contains:

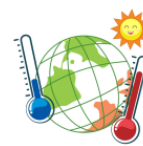
- **Primer Mix or Primer/Probe Mix** (pathogen-specific)
- **5x Mastermix** for reliable amplification
- **Positive Control** (synthetic DNA)
- **Negative Control** (DNA from healthy plants)
- **PCR-grade Water**

LOEWE® REALTIME Reaction Kits for Viruses

- **Specific primers** and **FAM-labeled probes** ensure highly sensitive and reliable pathogen detection.
- The kit includes an **integrated internal control** with *HEX-labeled probes*, which verifies successful RNA extraction and amplification, ensuring trustworthy results for every sample.

One Kit contains:

- **Primer/Probe Mix** (pathogen-specific)
- **One-Step Multiplex Probe Mix (ROX)**
- **One-Step SOLIScript® Mix** for transcription and amplification
- **Positive Control** (synthetic DNA)
- **Negative Control** (DNA from healthy plants)
- **PCR-grade Water**
- **Internal Control** (integrated, HEX™ Channel)



**Shipping at
room
temperature!**

Technical Requirements

- **qPCR cycler with FAM™ and HEX™ Channel**
- Kits are compatible with most standard realtime cyclers (except platforms that require high ROX)
- Kits contain ROX-dye in case your cycler uses ROX as a passive reference dye

New at qPCR?



**Contact our experts for
consultation and
assistance:**

service@loewe-info.com



LOEWE®REALTIME Bacteria

06064C/100 *Clavibacter m. subsp. sepedonicus* complete REALTIME PCR reaction kit 100 reactions 430.00 EUR

Probe-based realtime PCR assay

06069C/100 *Erwinia amylovora* complete REALTIME PCR reaction kit 100 reactions 430.00 EUR

Probe-based realtime PCR assay

06129C/100 *Pantoea stewartii subsp. stewartii* complete REALTIME PCR reaction kit 100 reactions 410.00 EUR

Dye-based PCR assay

06130C/100 *Pantoea stewartii subsp. stewartii* complete REALTIME PCR reaction kit 100 reactions 430.00 EUR

Probe-based realtime PCR assay

06056C/100 *Ralstonia solanacearum* complete REALTIME PCR reaction kit 100 reactions 430.00 EUR

Probe-based realtime PCR assay

06102C/100 *Xanthomonas citri pv. citri* complete REALTIME PCR reaction kit 100 reactions 430.00 EUR

Probe-based realtime PCR assay

06138C/100 *Xylophilus ampelinus* complete REALTIME PCR reaction kit 100 reactions 430.00 EUR

Probe-based realtime PCR assay

06119C/100 *Xylella fastidiosa* complete REALTIME PCR reaction kit 100 reactions 430.00 EUR

Dye-based PCR assay

06118C/100 *Xylella fastidiosa* complete REALTIME PCR reaction kit 100 reactions 410.00 EUR

Probe-based realtime PCR assay

LOEWE®REALTIME Viroids

06135C/100 *Citrus Bark Cracking Viroid. CBCVd* complete REALTIME PCR reaction kit 100 reactions 495.00 EUR

Probe-based realtime PCR assay

06136C/100 *Hop Latent Viroid. HLVd* complete REALTIME PCR reaction kit 100 reactions 495.00 EUR

Probe-based realtime PCR assay

06137C/100 *Hop Stunt Viroid. HSVd* complete REALTIME PCR reaction kit 100 reactions 495.00 EUR

Probe-based realtime PCR assay



LOEWE®REALTIME Viruses

06004C/100 Barley Stripe Mosaic Virus. BSMV	complete REALTIME PCR reaction kit	100 reactions	495.00 EUR
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Probe-based realtime PCR assay

06005C/100 Barley Yellow Dwarf Virus. BaYDV	complete REALTIME PCR reaction kit	100 reactions	495.00 EUR
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Probe-based realtime PCR assay

06099C/100 Citrus Tristeza Virus. CTV	complete REALTIME PCR reaction kit	100 reactions	495.00 EUR
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Probe-based realtime PCR assay

06082C/100 Wheat Dwarf Virus. WDV	complete REALTIME PCR reaction kit	100 reactions	495.00 EUR
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Probe-based realtime PCR assay

06048C/100 Wheat Streak Mosaic Virus. WSMV	complete REALTIME PCR reaction kit	100 reactions	495.00 EUR
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Probe-based realtime PCR assay



The PCR technique allows specific and sensitive detection of plant pathogens, when serological reagents are not available or a second method is needed, as often demanded in testing schemes by Plant Protection Organizations, especially for quarantine pests. End-point PCR is a sensitive diagnostic method using specific primers for the detection of RNA or DNA containing pathogens. The detection of the amplification products is done by agarose gelelectrophoresis.

DNA PCR

DNA PCR Sets

- Premix (Primers, dNTPs)
- Positive Control * (DNA based)
- Negative Control (DNA based)

DNA Complete Reaction Kits

- Premix (Primers, dNTPs)
- DNA-Polymerase
- Reaction Buffer
- PCR-grade Water
- Positive Control (DNA based)
- Negative Control (DNA based)

** Please note that PCR and RNA PCR positive controls are designed to work exclusively with our primers and cannot be used for any other purpose!*

RNA PCR Complete Kits

One RNA PCR Complete Reaction Kit contains:

- Premix (Primers, dNTPs)
- DNA-Polymerase
- Reverse Transcriptase
- Reaction Buffer
- PCR-grade Water
- Dithiothreitol (DTT)
- Positive Control (DNA based)
- Negative Control (DNA based)



Video Guide for PCR-Workflow



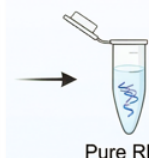
RNA-PCR Scheme

1. Collect fresh plant leaves suspected of viral infection.

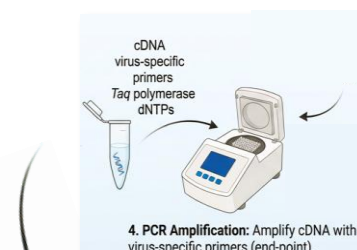
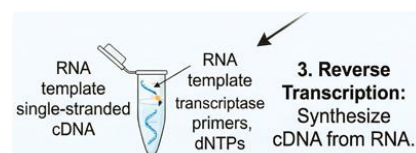


Fresh plant leaf

Commercial RNA Extraction Kit



Pure RNA



5. Detection: Analyze products by agarose gel electrophoresis.



RNA PCR - Viruses

09103 Apple Chlorotic Leaf Spot Virus RNA PCR	09103C/100	PCR Kit / 100 reactions	375.00 EUR
09054 Apple Mosaic Virus RNA PCR	09054C/100	PCR Kit / 100 reactions	375.00 EUR
09085 Apple Stem Grooving Virus RNA PCR	09085C/100	PCR Kit / 100 reactions	375.00 EUR
09276 Barley Mild Mosaic Virus / Barley Yellow Mosaic Virus Duplex RNA PCR	09276C/100	PCR Kit / 100 reactions	375.00 EUR
09211 Beet Necrotic Yellow Vein Virus/ Beet Soil-Borne Virus/ Beet Virus Q Triplex RNA PCR	09211C/100	PCR Kit / 100 reactions	375.00 EUR
09093 Cherry Leafroll Virus RNA PCR	09093C/100	PCR Kit / 100 reactions	375.00 EUR
09135 Citrus Bark Cracking Viroid RNA PCR	09135C/100	PCR Kit / 100 reactions	375.00 EUR
09099 Citrus Tristeza Virus RNA PCR	09099C/100	PCR Kit / 100 reactions	375.00 EUR
09108 Cucumber Mosaic Virus I and II Duplex RNA PCR	09108C/100	PCR Kit / 100 reactions	375.00 EUR
09182 Cucurbit Aphid-Borne Yellows Virus RNA PCR	09182C/100	PCR Kit / 100 reactions	375.00 EUR
09155 Cucurbit Yellow Stunting Disorder Virus RNA PCR	09155C/100	PCR Kit / 100 reactions	375.00 EUR
09110 Cucumber Vein Yellowing Virus RNA PCR	09110C/100	PCR Kit / 100 reactions	375.00 EUR
09195 European Mountain Ash Ringspot-associated Virus (Emaravirus) RNA PCR	09195C/100	PCR Kit / 100 reactions	375.00 EUR
09026 Hydrangea Ringspot Virus RNA PCR	09026C/100	PCR Kit / 100 reactions	375.00 EUR



09505 Impatiens Necrotic Spot Virus RNA PCR	09505C/100	PCR Kit / 100 reactions	375.00 EUR
09043 Parietaria Mottle Virus RNA PCR	09043C/100	PCR Kit / 100 reactions	375.00 EUR
09128 Pepino Mosaic Virus RNA PCR	09128C/100	PCR Kit / 100 reactions	375.00 EUR
09186 Plum Pox Virus RNA PCR	09186C/100	PCR Kit / 100 reactions	375.00 EUR
09031 Potato Leafroll Virus RNA PCR	09031C/100	PCR Kit / 100 reactions	375.00 EUR
09003 Potato Mop-top Virus RNA PCR	09003C/100	PCR Kit / 100 reactions	375.00 EUR
09038 Potato Virus Y RNA PCR	09038C/100	PCR Kit / 100 reactions	375.00 EUR
09041 Potyvirus universal RNA PCR	09041C/100	PCR Kit / 100 reactions	375.00 EUR
09052 Prunus Necrotic Ringspot Virus RNA PCR	09052C/100	PCR Kit / 100 reactions	375.00 EUR
09115 Strawberry Latent Ringspot Virus RNA PCR	09115C/100	PCR Kit / 100 reactions	375.00 EUR
09183 Tobamovirus Broad Range RNA PCR	09183C/100	PCR Kit / 100 reactions	375.00 EUR
09102 Tomato Chlorosis Virus RNA PCR	09102C/100	PCR Kit / 100 reactions	375.00 EUR
09101 Tomato Infectious Chlorosis Virus RNA PCR	09101C/100	PCR Kit / 100 reactions	375.00 EUR
09181 Tomato Mottle Mosaic Virus RNA PCR	09181C/100	PCR Kit / 100 reactions	375.00 EUR



09501 Tomato Spotted Wilt Virus RNA PCR	09501C/100	PCR Kit / 100 reactions	375.00 EUR
09009 Turnip Yellow Virus RNA PCR	09009C/100	PCR Kit / 100 reactions	375.00 EUR

DNA-PCR Viruses

08112 Pea Necrotic Yellow Dwarf Virus DNA PCR	08112C/100	PCR Kit / 100 reactions	275.00 EUR
08180 Tomato Leafcurl New Delhi Virus DNA PCR	08180C/100	PCR Kit / 100 reactions	275.00 EUR
08177 Tomato Yellow Leafcurl Virus DNA PCR	08177C/100	PCR Kit / 100 reactions	275.00 EUR



DNA-PCR Phytoplasma

08000 Apple Proliferation Group Phytoplasma PCR	08000S/100	PCR Set / 100 reactions	215.00 EUR
	08000C/100	PCR Kit / 100 reactions	275.00 EUR
08002 Aster Yellow's Phytoplasma PCR	08002S/100	PCR Set / 100 reactions	215.00 EUR
	08002C/100	PCR Kit / 100 reactions	275.00 EUR
08003 Elm Yellow's Phytoplasma PCR	08003S/100	PCR Set / 100 reactions	215.00 EUR
	08003C/100	PCR Kit / 100 reactions	275.00 EUR
08004 Stolbur Phytoplasma PCR	08004S/100	PCR Set / 100 reactions	215.00 EUR
	08004C/100	PCR Kit / 100 reactions	275.00 EUR
08009 Universal Phytoplasma nested PCR	08009S/100	PCR Set / 100 reactions	215.00 EUR
	08009C/100	PCR Kit / 100 reactions	275.00 EUR

DNA-PCR Bacteria / Fungi

08154 Acidovorax avenae subsp. citrulli PCR	08154S/100	PCR Set / 100 reactions	215.00 EUR
	08154C/100	PCR Kit / 100 reactions	275.00 EUR
08058 Clavibacter michiganensis subsp. insidiosus PCR	08058S/100	PCR Set / 100 reactions	215.00 EUR
	08058C/100	PCR Kit / 100 reactions	275.00 EUR
08063 Clavibacter michiganensis subsp. michiganensis PCR	08063S/100	PCR Set / 100 reactions	215.00 EUR
	08063C/100	PCR Kit / 100 reactions	275.00 EUR
08064 Clavibacter michiganensis subsp. sepedonicus PCR	08064S/100	PCR Set / 100 reactions	215.00 EUR
	08064C/100	PCR Kit / 100 reactions	275.00 EUR
08198 Curtobacterium flaccumfaciens pv. flaccumfaciens PCR	08198S/100	PCR Set / 100 reactions	215.00 EUR
	08198C/100	PCR Kit / 100 reactions	275.00 EUR
08005 Erwinia amylovora nested PCR	08005S/100	PCR Set / 100 reactions	215.00 EUR
	08005C/100	PCR Kit / 100 reactions	275.00 EUR
08129 Pantoea stewartii subsp. stewartii PCR	08129S/100	PCR Set / 100 reactions	215.00 EUR
	08129C/100	PCR Kit / 100 reactions	275.00 EUR



08056 <i>Ralstonia solanacearum</i> PCR	08056S/100	PCR Set / 100 reactions	215.00 EUR
	08056C/100	PCR Kit / 100 reactions	275.00 EUR
08170 <i>Rhodococcus fascians</i> pathogenic form PCR	08170S/100	PCR Set / 100 reactions	215.00 EUR
	08170C/100	PCR Kit / 100 reactions	275.00 EUR
08102 <i>Xanthomonas citri</i> subsp.citri PCR	08102S/100	PCR Set / 100 reactions	215.00 EUR
	08102C/100	PCR Kit / 100 reactions	275.00 EUR
08162 <i>Xanthomonas arboricola</i> pv. pruni PCR	08162S/100	PCR Set / 100 reactions	215.00 EUR
	08162C/100	PCR Kit / 100 reactions	275.00 EUR
08077 <i>Xanthomonas hortorum</i> pv. pelargonii PCR	08077S/100	PCR Set / 100 reactions	215.00 EUR
	08077C/100	PCR Kit / 100 reactions	275.00 EUR
08132 <i>Xanthomonas oryzae</i> PCR	08132S/100	PCR Set / 100 reactions	215.00 EUR
	08132C/100	PCR Kit / 100 reactions	275.00 EUR
08138 <i>Xylophilus ampelinus</i> PCR	08138S/100	PCR Set / 100 reactions	215.00 EUR
	08138C/100	PCR Kit / 100 reactions	275.00 EUR
08119 <i>Xylella fastidiosa</i> PCR	08119S/100	PCR Set / 100 reactions	215.00 EUR
	08119C/100	PCR Kit / 100 reactions	275.00 EUR
08195 <i>Colletotrichum spec.</i> PCR	08195S/100	PCR Set / 100 reactions	215.00 EUR
	08195C/100	PCR Kit / 100 reactions	275.00 EUR
08007 <i>Fusarium culmorum</i> PCR	08007S/100	PCR Set / 100 reactions	215.00 EUR
	08007C/100	PCR Kit / 100 reactions	275.00 EUR
08008 <i>Fusarium graminearum</i> PCR	08008S/100	PCR Set / 100 reactions	215.00 EUR
	08008C/100	PCR Kit / 100 reactions	275.00 EUR
08006 <i>Phytophthora fragariae</i> PCR	08006S/100	PCR Set / 100 reactions	215.00 EUR
	08006C/100	PCR Kit / 100 reactions	275.00 EUR

LOEWE®FAST Rapid Tests



The LOEWE®FAST rapid test series is designed for reliable and specific detection of plant pathogens within minutes.

This diagnostic tool provides quick and easy assessment of suspicious and symptomatic plant material in the field or greenhouse without the need of a laboratory or specialized laboratory staff.

LOEWE®FAST Kits (Test Cassette)

Test kits are available for 5, 20, and 50 tests and include:

- Individual test cassettes
- Single-use pipettes
- Pre-filled sample buffer tubes

LOEWE®FAST-Stick Kits

Our stick test kits are available for 50 tests and include:

- 50 Test sticks
- 50 Sample bags
- 50 Single-use pipettes
- 50 Reaction tubes
- Sample buffer powder



What's the difference?

Both test formats follow identical lateral flow technology utilizing the same antibodies. They share the same specification regarding specificity and sensitivity.

However, LOEWE®FAST-Sticks are available for an economic price as they come without individual plastic housings and pre-filled buffers. The kits contain all components necessary to perform the tests.

Video Manuals:

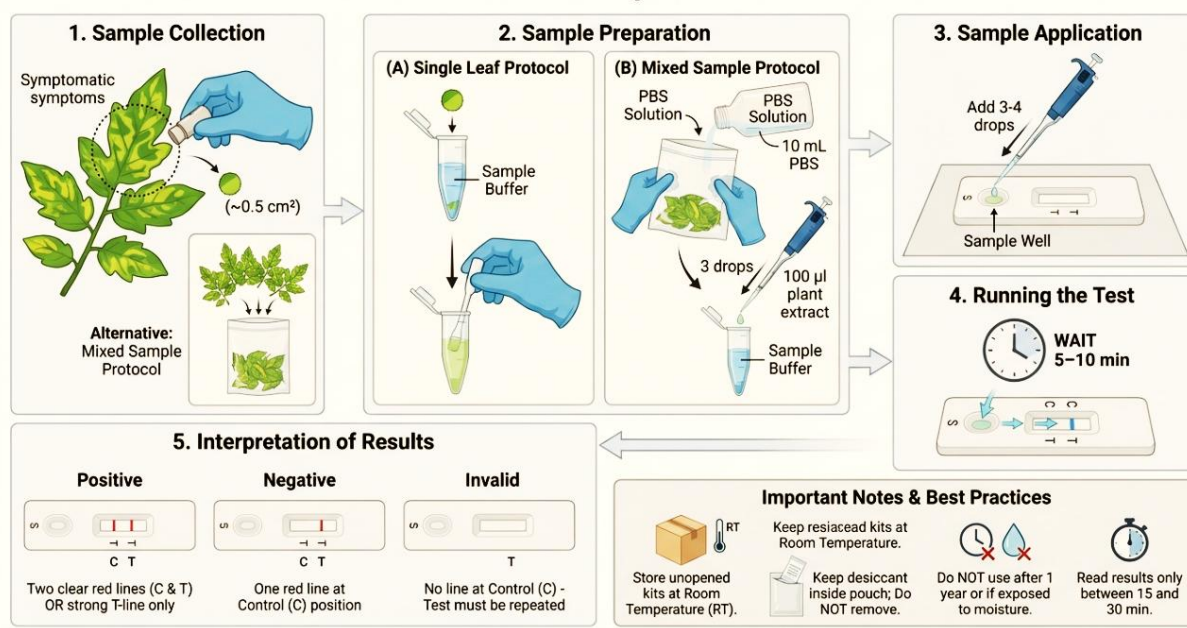
LOEWE®FAST
(Test Cassette)



LOEWE®FAST
(Stick Kits)



Workflow of a Lateral Flow Assay for Tomato Virus Detection





LOEWE®FAST Viruses

LF07001 Alfalfa Mosaic Virus LOEWE®FAST Kit	LF07001/05	5 tests	65.00 EUR
	LF07001/20	20 tests	148.00 EUR
	LF07001/50	50 tests	260.00 EUR
	LFS07001/50	50 tests	200.00 EUR
LF07054 Apple Mosaic Virus LOEWE®FAST Kit	LF07054/05	5 tests	65.00 EUR
	LF07054/20	20 tests	148.00 EUR
	LF07054/50	50 tests	260.00 EUR
	LFS07054/50	50 tests	200.00 EUR
LF07053 Arabis Mosaic Virus LOEWE®FAST Kit	LF07053/05	5 tests	65.00 EUR
	LF07053/20	20 tests	148.00 EUR
	LF07053/50	50 tests	260.00 EUR
	LFS07053/50	50 tests	200.00 EUR
LF07012 Beet Yellow Virus LOEWE®FAST Kit	LF07012/05	5 tests	65.00 EUR
	LF07012/20	20 tests	148.00 EUR
	LF07012/50	50 tests	260.00 EUR
	LFS07012/50	50 tests	200.00 EUR
LF07022 Cucumber Green Mottle Mosaic Virus LOEWE®FAST Kit	LF07022/05	5 tests	65.00 EUR
	LF07022/20	20 tests	148.00 EUR
	LF07022/50	50 tests	260.00 EUR
	LFS07022/50	50 tests	200.00 EUR
LF07186 Cucumber Mosaic Virus LOEWE®FAST Kit	LF07186/05	5 tests	65.00 EUR
	LF07186/20	20 tests	148.00 EUR
	LF07186/50	50 tests	260.00 EUR
	LFS07186/50	50 tests	200.00 EUR
LF07505 Impatiens Necrotic Spot Virus LOEWE®FAST Kit	LF07505/05	5 tests	65.00 EUR
	LF07505/20	20 tests	148.00 EUR
	LF07505/50	50 tests	260.00 EUR
	LFS07505/50	50 tests	200.00 EUR
LF07097 Melon Necrotic Spot Virus LOEWE®FAST Kit	LF07097/05	5 tests	65.00 EUR
	LF07097/20	20 tests	148.00 EUR
	LF07097/50	50 tests	260.00 EUR
	LFS07097/50	50 tests	200.00 EUR
LF07128 Pepino Mosaic Virus LOEWE®FAST Kit	LF07128/05	5 tests	65.00 EUR
	LF07128/20	20 tests	148.00 EUR
	LF07128/50	50 tests	260.00 EUR
	LFS07128/50	50 tests	200.00 EUR
LF07159 Pepper Veinal Mottle Virus LOEWE®FAST Kit	LF07159/05	5 tests	65.00 EUR
	LF07159/20	20 tests	148.00 EUR
	LF07159/50	50 tests	260.00 EUR
	LFS07159/50	50 tests	200.00 EUR
LF07037 Potato Virus X LOEWE®FAST Kit	LF07037/05	5 tests	65.00 EUR
	LF07037/20	20 tests	148.00 EUR
	LF07037/50	50 tests	260.00 EUR
	LFS07037/50	50 tests	200.00 EUR
LF07038 Potato Virus Y LOEWE®FAST Kit	LF07038/05	5 tests	65.00 EUR
	LF07038/20	20 tests	148.00 EUR
	LF07038/50	50 tests	260.00 EUR
	LFS07038/50	50 tests	200.00 EUR



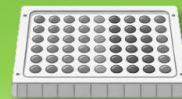
LF07051 Prune Dwarf Virus LOEWE®FAST Kit	LF07051/05	5 tests	65.00 EUR
	LF07051/20	20 tests	148.00 EUR
	LF07051/50	50 tests	260.00 EUR
	LFS07051/50	50 tests	200.00 EUR
LF07052 Prunus Necrotic Ringspot Virus LOEWE®FAST Kit	LF07052/05	5 tests	65.00 EUR
	LF07052/20	20 tests	148.00 EUR
	LF07052/50	50 tests	260.00 EUR
	LFS07052/50	50 tests	200.00 EUR
LF07042 Tobacco Mosaic Virus LOEWE®FAST Kit	LF07042/05	5 tests	65.00 EUR
	LF07042/20	20 tests	148.00 EUR
	LF07042/50	50 tests	260.00 EUR
	LFS07042/50	50 tests	200.00 EUR
LF07184 Tobamoscreen I LOEWE®FAST Kit	LF07184/05	5 tests	65.00 EUR
	LF07184/20	20 tests	148.00 EUR
	LF07184/50	50 tests	260.00 EUR
	LFS07184/50	50 tests	200.00 EUR
LF07047 Tomato Mosaic Virus LOEWE®FAST Kit	LF07047/05	5 tests	65.00 EUR
	LF07047/20	20 tests	148.00 EUR
	LF07047/50	50 tests	260.00 EUR
	LFS07047/50	50 tests	200.00 EUR
LF07509 TSWV, TCSV, GRSV LOEWE®FAST Kit	LF07509/05	5 tests	65.00 EUR
	LF07509/20	20 tests	148.00 EUR
	LF07509/50	50 tests	260.00 EUR
	LFS07509/50	50 tests	200.00 EUR
LF07167 Zucchini Green Mottle Mosaic Virus LOEWE®FAST Kit	LF07167/05	5 tests	65.00 EUR
	LF07167/20	20 tests	148.00 EUR
	LF07167/50	50 tests	260.00 EUR
	LFS07167/50	50 tests	200.00 EUR

LOEWE®FAST Bacteria / Fungi

LF07154 Acidovorax avenae subsp. citrulli LOEWE®FAST Kit	LF07154/05	5 tests	65.00 EUR
	LF07154/20	20 tests	148.00 EUR
	LF07154/50	50 tests	260.00 EUR
	LFS07154/50	50 tests	200.00 EUR
LF07063 Clavibacter m. subsp. michiganensis LOEWE®FAST Kit	LF07063/05	5 tests	65.00 EUR
	LF07063/20	20 tests	148.00 EUR
	LF07063/50	50 tests	260.00 EUR
	LFS07063/50	50 tests	200.00 EUR
LF07064 Clavibacter m. subsp. sepedonicus LOEWE®FAST Kit	LF07064/05	5 tests	65.00 EUR
	LF07064/20	20 tests	148.00 EUR
	LF07064/50	50 tests	260.00 EUR
	LFS07064/50	50 tests	200.00 EUR
LF07129 Pantoea stewartii subsp. stewartii LOEWE®FAST Kit	LF07129/05	5 tests	65.00 EUR
	LF07129/20	20 tests	148.00 EUR
	LF07129/50	50 tests	260.00 EUR
	LFS07129/50	50 tests	200.00 EUR



LF07056 <i>Ralstonia solanacearum</i>	LF07056/05	5 tests	65.00 EUR
	LF07056/20	20 tests	148.00 EUR
	LF07056/50	50 tests	260.00 EUR
	LFS07056/50	50 tests	200.00 EUR
LOEWE®FAST Kit			
LF07077 <i>Xanthomonas hortorum pv. pelargonii</i>	LF07077/05	5 tests	65.00 EUR
	LF07077/20	20 tests	148.00 EUR
	LF07077/50	50 tests	260.00 EUR
	LFS07077/50	50 tests	200.00 EUR
LOEWE®FAST Kit			
LF07119 <i>Xylella fastidiosa</i>	LF07119/05	5 tests	65.00 EUR
	LF07119/20	20 tests	148.00 EUR
	LF07119/50	50 tests	260.00 EUR
	LFS07119/50	50 tests	200.00 EUR
LOEWE®FAST Kit			
LF07138 <i>Xylophilus ampelinus</i>	LF07138/05	5 tests	65.00 EUR
	LF07138/20	20 tests	148.00 EUR
	LF07138/50	50 tests	260.00 EUR
	LFS07138/50	50 tests	200.00 EUR
LOEWE®FAST Kit			
LF07158 <i>Botrytis cinerea</i>	LF07128/05	5 tests	65.00 EUR
	LF07128/20	20 tests	148.00 EUR
	LF07128/50	50 tests	260.00 EUR
	LFS07128/50	50 tests	200.00 EUR
LOEWE®FAST Kit			



ELISA (Enzyme-linked Immunosorbent Assay) is still the most common test method for the detection of plant pathogens, like viruses and bacteria. LOEWE® offers a range of 150 high quality ELISA products for specific and sensitive detection of plant pathogens. Our ELISA reagents are available as Complete kits and Sets for a variety of test sizes.

ELISA Complete Kits

ELISA Complete kits are available for 96, 480, for many pathogens as 960. If you require a larger kit size, please ask us!

One Kit contains:

- ELISA Set (IgG and Conjugate) for indicated number of tests
- Positive and Negative Control
- Wash Buffer (Powder)
- Conjugate/Sample Buffer (Powder)
- Substrate buffer (5x solution)
- Tween™20
- p-Nitrophenylphosphate Substrate
- ELISA plates (high-binding)
- Sealing Cover

Details for each kit size can be found on our web-site www.loewe-info.com



ELISA Sets

ELISA sets contain Coating-IgG and AP-Conjugate for the indicated number of tests.

Sets are available for **100, 300, 500, 1000 and 5000** test.

One test corresponds to one well in the ELISA plate. Our ELISA antibodies are optimized and evaluated for a test volume of 200µl/well!

ELISA Controls

Positive controls are made from infected plant material or bacterial cultures, if not stated otherwise.

Our ELISA controls are only validated for use in ELISA and are intended to monitor the correct performance of the assay in a qualitative manner.

Restricted Pathogens: in case of quarantine of restricted pests **non-pathogenic 'method controls'** are offered, that indicate that the ELISA has been carried out correctly. We also reserve the right to replace positive controls by 'method controls' in cases, where authentic infected material is not stable or not available to us.

Negative controls are made from a healthy host plant and are tested for the absence of the respective pathogen.



DAS-ELISA Manual



Troubleshooting-Guide



Troubleshooting Help-Form




07001 Alfalfa Mosaic Alfovirus. AMV
DAS ELISA

Transmission: aphids, grafting, mechanical inoculation, seeds
 Host range: many species
 Lucerne Mosaic Virus, Potato Calico virus

07001S/100	Set / 100 tests	95.00 EUR
07001S/300	Set / 300 tests	185.00 EUR
07001S/500	Set / 500 tests	223.00 EUR
07001S/1000	Set / 1000 tests	385.00 EUR
07001S/5000	Set / 5000 tests	975.00 EUR
07001C/096	Complete Kit / 96 tests	230.00 EUR
07001C/480	Complete Kit / 480 tests	390.00 EUR
07001C/960	Complete Kit / 960 tests	605.00 EUR
07001PC	Positive Control	39.00 EUR
07001NC	Negative Control	30.00 EUR

07164 Andean Potato Latent Tymovirus. APLV
DAS ELISA

Transmission: contact, grafting, mechanical inoculation, seed, vector
 Host range: potato
 Potato Andean Latent Virus, Host range: potato

07164S/100	Set / 100 tests	100.00 EUR
07164S/300	Set / 300 tests	200.00 EUR
07164S/500	Set / 500 tests	235.00 EUR
07164S/1000	Set / 1000 tests	415.00 EUR
07164C/096	Complete Kit / 96 tests	236.00 EUR
07164C/480	Complete Kit / 480 tests	415.00 EUR
07164C/960	Complete Kit / 960 tests	660.00 EUR
07210PC	Method Control	30.00 EUR
07164NC	Negative Control	30.00 EUR

07160 Andean Potato Mottle Comovirus. APMoV
DAS ELISA

Host range: potato, Transitted by contact, grafting
 Potato Andean Mottle Virus

07160S/100	Set / 100 tests	100.00 EUR
07160S/300	Set / 300 tests	200.00 EUR
07160S/500	Set / 500 tests	235.00 EUR
07160S/1000	Set / 1000 tests	415.00 EUR
07160C/096	Complete Kit / 96 tests	236.00 EUR
07160C/480	Complete Kit / 480 tests	415.00 EUR
07160C/960	Complete Kit / 960 tests	660.00 EUR
07210PC	Method Control	30.00 EUR
07160NC	Negative Control	30.00 EUR

07003 Apple Chlorotic Leafspot Trichovirus. ACLSV
Cocktail ELISA

Apple Latent Virus 1, Plum Pseudopox Virus, Quince Stunt Virus

07003S/100	Set / 100 tests	95.00 EUR
07003S/300	Set / 300 tests	185.00 EUR
07003S/500	Set / 500 tests	223.00 EUR
07003C/096	Complete Kit / 96 tests	230.00 EUR
07003C/480	Complete Kit / 480 tests	390.00 EUR
07003PC	Positive Control	39.00 EUR
07003NC	Negative Control	30.00 EUR

07054 Apple Mosaic Ilarvirus. ApMV
DAS ELISA

Transmission: grafting, mechanically, pollen?
 Host range: hop, Rosaceae
 Birch Line Pattern Virus, Hop A Virus, Rose Mosaic Virus

07054S/100	Set / 100 tests	95.00 EUR
07054S/300	Set / 300 tests	185.00 EUR
07054S/500	Set / 500 tests	223.00 EUR
07054C/096	Complete Kit / 96 tests	230.00 EUR
07054C/480	Complete Kit / 480 tests	390.00 EUR
07054PC	Positive Control	39.00 EUR
07054NC	Negative Control	30.00 EUR

**07053 Arabis Mosaic Nepovirus. ArMV****DAS ELISA**

Transmission: grafting, mechanical inoculation, nematodes, seed

Host range: many species

Syn: Ash Ring and Line Pattern Virus, Forsythia Yellow Net Virus, Rhabarber Mosaic Virus, Raspberry Yellow Dwarf Virus

07053S/100	Set / 100 tests	95.00 EUR
07053S/300	Set / 300 tests	185.00 EUR
07053S/500	Set / 500 tests	223.00 EUR
07053S/1000	Set / 1000 tests	385.00 EUR
07053C/096	Complete Kit / 96 tests	230.00 EUR
07053C/480	Complete Kit / 480 tests	390.00 EUR
07053C/960	Complete Kit / 960 tests	605.00 EUR
07053PC	Positive Control	39.00 EUR
07053NC	Negative Control	30.00 EUR

07006 Barley Mild Mosaic Bymovirus. BaMMV**DAS ELISA**

Transmission: mechanical inoculation, Polymyxa graminis

Host range: barley

07006S/100	Set / 100 tests	100.00 EUR
07006S/300	Set / 300 tests	200.00 EUR
07006S/500	Set / 500 tests	235.00 EUR
07006C/096	Complete Kit / 96 tests	236.00 EUR
07006C/480	Complete Kit / 480 tests	415.00 EUR
07210PC	Method Control	30.00 EUR
07006NC	Negative Control	30.00 EUR

07004 Barley Stripe Mosaic Hordeivirus. BSMV**DAS ELISA**

Host range: barley, maize, oat, wheat etc

Syn: Barley False Stripe Mosaic Virus, Barley Yellow Stripe Virus, Oat Stripe Mosaic Virus

07004S/100	Set / 100 tests	100.00 EUR
07004S/300	Set / 300 tests	200.00 EUR
07004S/500	Set / 500 tests	235.00 EUR
07004C/096	Complete Kit / 96 tests	236.00 EUR
07004C/480	Complete Kit / 480 tests	415.00 EUR
07004PC	Positive Control	39.00 EUR
07004NC	Negative Control	30.00 EUR

07005 Barley Yellow Dwarf Luteovirus PAV, MAV. BaYDV**DAS ELISA**

Transmission: aphids

Host range: barley, rice, rye

Syn: Cereal Yellow Dwarf Virus, Oat Red Leaf Virus, Rice Giallume Virus, Ryegrass Chlorotic Streak Virus

07005S/100	Set / 100 tests	95.00 EUR
07005S/300	Set / 300 tests	185.00 EUR
07005S/500	Set / 500 tests	223.00 EUR
07005C/096	Complete Kit / 96 tests	230.00 EUR
07005C/480	Complete Kit / 480 tests	390.00 EUR
07005PC	Positive Control	39.00 EUR
07005NC	Negative Control	30.00 EUR

07076 Barley Yellow Mosaic Bymovirus BaYMV**DAS ELISA**

Transmission: mechanical inoculation, Polymyxa graminis

Host range: barley

07076S/100	Set / 100 tests	95.00 EUR
07076S/300	Set / 300 tests	185.00 EUR
07076S/500	Set / 500 tests	223.00 EUR
07076C/096	Complete Kit / 96 tests	230.00 EUR
07076C/480	Complete Kit / 480 tests	390.00 EUR
07076PC	Positive Control	39.00 EUR
07076NC	Negative Control	30.00 EUR


07126 Bean Common Mosaic V. / Bean Common Mosaic Necrosis Virus. BCMV/BCMN
DAS ELISA

Transmission: aphids, mechanical inoculation, seed
 Host range: bean species
 Detects serotypes A and B

07126S/100	Set / 100 tests	100.00 EUR
07126S/300	Set / 300 tests	200.00 EUR
07126S/500	Set / 500 tests	235.00 EUR
07126C/096	Complete Kit / 96 tests	236.00 EUR
07126C/480	Complete Kit / 480 tests	415.00 EUR
07126PC	Positive Control	39.00 EUR
07126NC	Negative Control	30.00 EUR

07007 Bean Yellow Mosaic Potyvirus. BYMV
DAS ELISA

Transmission: aphids, mechanical inoculation, seed
 Host range: Iridaceae, Leguminosae etc
 Syn: Bean Virus 2, Canna Mosaic Virus, Croatian Clover Mosaic Virus

07007S/100	Set / 100 tests	95.00 EUR
07007S/300	Set / 300 tests	185.00 EUR
07007S/500	Set / 500 tests	223.00 EUR
07007S/1000	Set / 1000 tests	385.00 EUR
07007C/096	Complete Kit / 96 tests	230.00 EUR
07007C/480	Complete Kit / 480 tests	390.00 EUR
07007C/960	Complete Kit / 960 tests	605.00 EUR
07007PC	Positive Control	39.00 EUR
07007NC	Negative Control	30.00 EUR

07250 Beet Black Scorch Tombusvirus. BBSV
DAS ELISA

07250S/100	Set / 100 tests	95.00 EUR
07250S/300	Set / 300 tests	185.00 EUR
07250S/500	Set / 500 tests	223.00 EUR
07250C/096	Complete Kit / 96 tests	230.00 EUR
07250C/480	Complete Kit / 480 tests	390.00 EUR
07250PC	Positive Control	39.00 EUR
07250NC	Negative Control	30.00 EUR

07010 Beet Mosaic Potyvirus. BtMV
DAS ELISA

Transmission: aphids
 Host range: Chenopodiaceae
 Syn: Spinach Mosaic Virus, Sugar Beet Mosaic Virus

07010S/100	Set / 100 tests	95.00 EUR
07010S/300	Set / 300 tests	185.00 EUR
07010S/500	Set / 500 tests	223.00 EUR
07010S/1000	Set / 1000 tests	385.00 EUR
07010C/096	Complete Kit / 96 tests	230.00 EUR
07010C/480	Complete Kit / 480 tests	390.00 EUR
07010C/960	Complete Kit / 960 tests	605.00 EUR
07010PC	Positive Control	39.00 EUR
07010NC	Negative Control	30.00 EUR

07011 Beet Necrotic Yellow Vein Benyvirus. BNYVV
DAS ELISA

Transmission: mechanical inoculation, Polymyxa betae
 Host range: Chenopodiaceae
 Syn: Rizomania, Rübenwurzelbärtigkeitsvirus

07011S/100	Set / 100 tests	95.00 EUR
07011S/300	Set / 300 tests	185.00 EUR
07011S/500	Set / 500 tests	223.00 EUR
07011C/096	Complete Kit / 96 tests	230.00 EUR
07011C/480	Complete Kit / 480 tests	390.00 EUR
07011PC	Positive Control	39.00 EUR
07011NC	Negative Control	30.00 EUR

**07012 Beet Yellows Closterovirus. BYV****DAS ELISA**

Transmission: aphids
Host range: Chenopodiaceae
Syn: Sugar Beet Yellows Virus

07012S/100	Set / 100 tests	95.00 EUR
07012S/300	Set / 300 tests	185.00 EUR
07012S/500	Set / 500 tests	223.00 EUR
07012C/096	Complete Kit / 96 tests	230.00 EUR
07012C/480	Complete Kit / 480 tests	390.00 EUR
07012PC	Positive Control	39.00 EUR
07012NC	Negative Control	30.00 EUR

07015 Broad Bean Wilt Fabavirus. BBWV I**DAS ELISA**

Transmission: aphids, mechanical inoculation
Host range: many species
Syn: Nasturtium Ringspot Virus, Petunia Ringspot Virus, Pea Streak Virus, Ringmo-saikvirus der Kapuzinerkresse

07015S/100	Set / 100 tests	95.00 EUR
07015S/300	Set / 300 tests	185.00 EUR
07015S/500	Set / 500 tests	223.00 EUR
07015S/1000	Set / 1000 tests	385.00 EUR
07015C/096	Complete Kit / 96 tests	230.00 EUR
07015C/480	Complete Kit / 480 tests	390.00 EUR
07015C/960	Complete Kit / 960 tests	605.00 EUR
07015PC	Positive Control	39.00 EUR
07015NC	Negative Control	30.00 EUR

07017 Broad Bean Wilt Fabavirus II. BBWV II**DAS ELISA**

Transmission: aphids, mechanical inoculation
Host range: many species
Syn: Plantago II virus, Patchouli Mild Mosaic Virus

07017S/100	Set / 100 tests	95.00 EUR
07017S/300	Set / 300 tests	185.00 EUR
07017S/500	Set / 500 tests	223.00 EUR
07017S/1000	Set / 1000 tests	385.00 EUR
07017C/096	Complete Kit / 96 tests	230.00 EUR
07017C/480	Complete Kit / 480 tests	390.00 EUR
07017C/960	Complete Kit / 960 tests	605.00 EUR
07017PC	Positive Control	39.00 EUR
07017NC	Negative Control	30.00 EUR

07016 Brome Mosaic Bromovirus. BMV**DAS ELISA**

Transmission: nematode Xiphinema
Host range: barley, maize, rye
Syn: Rye Grass Streak Virus, Trespenmosaik Virus, Weidelgrasmosaik Virus

07016S/100	Set / 100 tests	95.00 EUR
07016S/300	Set / 300 tests	185.00 EUR
07016S/500	Set / 500 tests	223.00 EUR
07016S/1000	Set / 1000 tests	385.00 EUR
07016C/096	Complete Kit / 96 tests	230.00 EUR
07016C/480	Complete Kit / 480 tests	390.00 EUR
07016C/960	Complete Kit / 960 tests	605.00 EUR
07016PC	Positive Control	39.00 EUR
07016NC	Negative Control	30.00 EUR

07078 Carnation Latent Carla Virus. CLV**DAS ELISA**

Transmission: aphids, mechanical inoculation
Host range: carnation spp
Syn: Dulcamara A Virus, Dulcamara B Virus

07078S/100	Set / 100 tests	100.00 EUR
07078S/300	Set / 300 tests	200.00 EUR
07078S/500	Set / 500 tests	235.00 EUR
07078C/096	Complete Kit / 96 tests	236.00 EUR
07078C/480	Complete Kit / 480 tests	415.00 EUR
07078PC	Positive Control	39.00 EUR
07078NC	Negative Control	30.00 EUR

**07057 Carnation Mottle Carmovirus. CarMV****DAS ELISA**

Transmission: contacts between plants, grafting, mechanical inoculation
Host range: Begonia, Dianthus spp

07057S/100	Set / 100 tests	95.00 EUR
07057S/300	Set / 300 tests	185.00 EUR
07057S/500	Set / 500 tests	223.00 EUR
07057C/096	Complete Kit / 96 tests	230.00 EUR
07057C/480	Complete Kit / 480 tests	390.00 EUR
07057PC	Positive Control	39.00 EUR
07057NC	Negative Control	30.00 EUR

07019 Carnation Ringspot Dianthovirus. CRSV**DAS ELISA**

Transmission: plant contact, grafting, mechanical inoculation, nematodes
Host range: carnation spp

07019S/100	Set / 100 tests	100.00 EUR
07019S/300	Set / 300 tests	200.00 EUR
07019S/500	Set / 500 tests	235.00 EUR
07019C/096	Complete Kit / 96 tests	236.00 EUR
07019C/480	Complete Kit / 480 tests	415.00 EUR
07019PC	Positive Control	39.00 EUR
07019NC	Negative Control	30.00 EUR

07072 Celery Mosaic Potyvirus. CeMV**DAS ELISA**

Host range: carrot, celery,
Syn: Apium Virus 1, Western Celery Mosaic V, Celery Crinkleleaf V, Celery Ringspot V, , Poison Hemlock Ringspot V

07072S/100	Set / 100 tests	100.00 EUR
07072S/300	Set / 300 tests	200.00 EUR
07072S/500	Set / 500 tests	235.00 EUR
07072C/096	Complete Kit / 96 tests	236.00 EUR
07072C/480	Complete Kit / 480 tests	415.00 EUR
07072PC	Positive Control	39.00 EUR
07072NC	Negative Control	30.00 EUR

07093 Cherry Leafroll Nepovirus b birch isolate. CLRV b**DAS ELISA**

Transmission: mechanical inoculation, nematodes
Host range: many deciduous trees
Syn: Ash Mosaic Virus, Elm Mosaic Virus, Golden Elderberry Virus, Sambucus Ringspot Virus

07093S/100	Set / 100 tests	95.00 EUR
07093S/300	Set / 300 tests	185.00 EUR
07093S/500	Set / 500 tests	223.00 EUR
07093S/1000	Set / 1000 tests	385.00 EUR
07093C/096	Complete Kit / 96 tests	230.00 EUR
07093C/480	Complete Kit / 480 tests	390.00 EUR
07093C/960	Complete Kit / 960 tests	605.00 EUR
07093PC	Positive Control	39.00 EUR
07093NC	Negative Control	30.00 EUR

07185 Chilli Veinal Mottle Potyvirus. ChiVMV**DAS ELISA**

Transmission: aphids, mechanical inoculation

Host range Capsicum species

07185S/100	Set / 100 tests	100.00 EUR
07185S/300	Set / 300 tests	200.00 EUR
07185S/500	Set / 500 tests	235.00 EUR
07185C/096	Complete Kit / 96 tests	236.00 EUR
07185C/480	Complete Kit / 480 tests	415.00 EUR
07185PC	Positive Control	39.00 EUR
07185NC	Negative Control	30.00 EUR

**07021 Chrysanthemum Carlavirus B. CVB****DAS ELISA**

Transmission: aphids, grafting, mechanical inoculation

Host range: Chrysanthemum spp

Syn: Chrysanthemum Virus Q, Chrysanthemum Dwarf Mottle Virus, Chrysanthemum Necrotic Mottle Virus

07021S/100	Set / 100 tests	95.00 EUR
07021S/300	Set / 300 tests	185.00 EUR
07021S/500	Set / 500 tests	223.00 EUR
07021C/096	Complete Kit / 96 tests	230.00 EUR
07021C/480	Complete Kit / 480 tests	390.00 EUR
07021PC	Positive Control	39.00 EUR
07021NC	Negative Control	30.00 EUR

07099 Citrus Tristeza Closterovirus. CTV**DAS ELISA**

Transmission: aphids, grafting

Host range: citrus spp

Syn: Citrus Quick Decline Virus, Hassaku Dwarf Lime Dieback Virus

07099S/100	Set / 100 tests	95.00 EUR
07099S/300	Set / 300 tests	185.00 EUR
07099S/500	Set / 500 tests	223.00 EUR
07099S/1000	Set / 1000 tests	385.00 EUR
07099S/5000	Set / 5000 tests	975.00 EUR
07099C/096	Complete Kit / 96 tests	230.00 EUR
07099C/480	Complete Kit / 480 tests	390.00 EUR
07099C/960	Complete Kit / 960 tests	605.00 EUR
07099PC	Positive Control	39.00 EUR
07099NC	Negative Control	30.00 EUR

07199 Common Oak Ringspot associated Emaravirus. CORaV**DAS ELISA**

Host range: mostly oak

07199S/100	Set / 100 tests	100.00 EUR
07199S/300	Set / 300 tests	200.00 EUR
07199S/500	Set / 500 tests	235.00 EUR
07199C/096	Complete Kit / 96 tests	236.00 EUR
07199C/480	Complete Kit / 480 tests	415.00 EUR
07199PC	Positive Control	30.00 EUR
07199NC	Negative Control	30.00 EUR

07166 Cowpea Mild Mottle Carlavirus. CPMMV**DAS ELISA**

Transmission: Bemisia tabacci, mechanical inoculation, seed

Host range: Leguminosae

Syn: Bean Angular Mosaic Virus, Voandezia Mosaic Virus, Groundnut Crinke Virus

07166S/100	Set / 100 tests	100.00 EUR
07166S/300	Set / 300 tests	200.00 EUR
07166S/500	Set / 500 tests	235.00 EUR
07166C/096	Complete Kit / 96 tests	236.00 EUR
07166C/480	Complete Kit / 480 tests	415.00 EUR
07210PC	Method Control	30.00 EUR
07166NC	Negative Control	30.00 EUR

07022 Cucumber Green Mottle Mosaic Tobamovirus. CGMMV**DAS ELISA**

Transmission: mechanical inoculation, vector unknown, infection via roots

Host range: Cucurbitaceae

Syn: Tobacco Mosaic Virus watermelon strain, Cucumber Virus 3

07022S/100	Set / 100 tests	95.00 EUR
07022S/300	Set / 300 tests	185.00 EUR
07022S/500	Set / 500 tests	223.00 EUR
07022S/1000	Set / 1000 tests	385.00 EUR
07022S/5000	Set / 5000 tests	975.00 EUR
07022C/096	Complete Kit / 96 tests	230.00 EUR
07022C/480	Complete Kit / 480 tests	390.00 EUR
07022C/960	Complete Kit / 960 tests	605.00 EUR
07022PC	Positive Control	39.00 EUR
07022NC	Negative Control	30.00 EUR

**07108 Cucumber Mosaic Cucumovirus. CMV****DAS ELISA**

Transmission: aphids, seed
 Host range: many species
 Artificial mixture DTL/ToRS, detects CMV serogroups 1 and 2

07108S/100	Set / 100 tests	95.00 EUR
07108S/300	Set / 300 tests	185.00 EUR
07108S/500	Set / 500 tests	223.00 EUR
07108C/096	Complete Kit / 96 tests	230.00 EUR
07108C/480	Complete Kit / 480 tests	390.00 EUR
07108PC	Positive Control	39.00 EUR
07108NC	Negative Control	30.00 EUR

07169 Eggplant Mottled Dwarf Nucleorhabdovirus. EMDV**DAS ELISA**

Syn: Tomato Vein Chlorosis V., Tomato Vein Clearing Virus

07169S/100	Set / 100 tests	100.00 EUR
07169S/300	Set / 300 tests	200.00 EUR
07169S/500	Set / 500 tests	235.00 EUR
07169S/1000	Set / 1000 tests	415.00 EUR
07169C/096	Complete Kit / 96 tests	236.00 EUR
07169C/480	Complete Kit / 480 tests	415.00 EUR
07169C/960	Complete Kit / 960 tests	660.00 EUR
07169PC	Positive Control	39.00 EUR
07169NC	Negative Control	30.00 EUR

07092 Grapevine Algerian Latent Tombusvirus. GALV**DAS ELISA**

Transmission: without vector, mechanical Inoculation
 Host range: grapevine, statice, nipple fruit

07092S/100	Set / 100 tests	100.00 EUR
07092S/300	Set / 300 tests	200.00 EUR
07092S/500	Set / 500 tests	235.00 EUR
07092S/1000	Set / 1000 tests	415.00 EUR
07092C/096	Complete Kit / 96 tests	236.00 EUR
07092C/480	Complete Kit / 480 tests	415.00 EUR
07092C/960	Complete Kit / 960 tests	660.00 EUR
07092PC	Positive Control	39.00 EUR
07092NC	Negative Control	30.00 EUR

07055 Grapevine Fanleaf Nepovirus. GFLV**DAS ELISA**

Transmission: mechanical inoculation, nematodes
 Host range: grapevine

07055S/100	Set / 100 tests	95.00 EUR
07055S/300	Set / 300 tests	185.00 EUR
07055S/500	Set / 500 tests	223.00 EUR
07055S/1000	Set / 1000 tests	385.00 EUR
07055C/096	Complete Kit / 96 tests	230.00 EUR
07055C/480	Complete Kit / 480 tests	390.00 EUR
07055C/960	Complete Kit / 960 tests	605.00 EUR
07055PC	Positive Control	39.00 EUR
07055NC	Negative Control	30.00 EUR

07191 Grapevine Leafroll associated Virus-1**DAS ELISA**

GLRaV-1 Ampelovirus
 Transmission: grafting and insect vectors
 Host range: grapevine

07191S/100	Set / 100 tests	100.00 EUR
07191S/300	Set / 300 tests	200.00 EUR
07191S/500	Set / 500 tests	235.00 EUR
07191S/1000	Set / 1000 tests	415.00 EUR
07191S/5000	Set / 5000 tests	1052.00 EUR
07191C/096	Complete Kit / 96 tests	236.00 EUR
07191C/480	Complete Kit / 480 tests	415.00 EUR
07191C/960	Complete Kit / 960 tests	660.00 EUR
07210PC	Method Control	30.00 EUR
07191NC	Negative Control	30.00 EUR

**07190 Grapevine Leafroll associated Virus-3.****DAS ELISA**

GLRaV-3 Ampelovirus

Transmission: grafting and insect vectors

Host range: grapevine

07190S/100	Set / 100 tests	100.00 EUR
07190S/300	Set / 300 tests	200.00 EUR
07190S/500	Set / 500 tests	235.00 EUR
07190S/1000	Set / 1000 tests	415.00 EUR
07190S/5000	Set / 5000 tests	1052.00 EUR
07190C/096	Complete Kit / 96 tests	236.00 EUR
07190C/480	Complete Kit / 480 tests	415.00 EUR
07190C/960	Complete Kit / 960 tests	660.00 EUR
07210PC	Method Control	30.00 EUR
07190NC	Negative Control	30.00 EUR

07197 Grapevine Leafroll associated Virus-7.**DAS ELISA**

GLRaV-7 tentative Velarivirus

Transmission: grafting and insect vectors

Host range: grapevine

07197S/100	Set / 100 tests	100.00 EUR
07197S/300	Set / 300 tests	200.00 EUR
07197S/500	Set / 500 tests	235.00 EUR
07197S/1000	Set / 1000 tests	415.00 EUR
07197S/5000	Set / 5000 tests	1052.00 EUR
07197C/096	Complete Kit / 96 tests	236.00 EUR
07197C/480	Complete Kit / 480 tests	415.00 EUR
07197C/960	Complete Kit / 960 tests	660.00 EUR
07210PC	Method Control	30.00 EUR
07197NC	Negative Control	30.00 EUR

07105 Hop Mosaic Carlavirus. HpMV**DAS ELISA**

Transmission: aphids, mechanical inoculation

Host range: Hop, stinging nettle

07105S/100	Set / 100 tests	95.00 EUR
07105S/300	Set / 300 tests	185.00 EUR
07105S/500	Set / 500 tests	223.00 EUR
07105S/1000	Set / 1000 tests	385.00 EUR
07105S/5000	Set / 5000 tests	975.00 EUR
07105C/096	Complete Kit / 96 tests	230.00 EUR
07105C/480	Complete Kit / 480 tests	390.00 EUR
07105C/960	Complete Kit / 960 tests	605.00 EUR
07105PC	Positive Control	39.00 EUR
07105NC	Negative Control	30.00 EUR

07026 Hydrangea Ringspot Potexvirus. HRSV**DAS ELISA**

Transmission: grafting, mechanical inoculation, naturally without vector

Host range: Hydrangea

07026S/100	Set / 100 tests	100.00 EUR
07026S/300	Set / 300 tests	200.00 EUR
07026S/500	Set / 500 tests	235.00 EUR
07026C/096	Complete Kit / 96 tests	236.00 EUR
07026C/480	Complete Kit / 480 tests	415.00 EUR
07026PC	Positive Control	39.00 EUR
07026NC	Negative Control	30.00 EUR

07505 Impatiens Necrotic Spot Tospovirus. INSV**DAS ELISA**

Transmission: mechanical inoculation, thrips

Host range: many plant species

Tospovirus serogroup III

07505S/100	Set / 100 tests	95.00 EUR
07505S/300	Set / 300 tests	185.00 EUR
07505S/500	Set / 500 tests	223.00 EUR
07505S/1000	Set / 1000 tests	385.00 EUR
07505S/5000	Set / 5000 tests	975.00 EUR
07505C/096	Complete Kit / 96 tests	230.00 EUR
07505C/480	Complete Kit / 480 tests	390.00 EUR
07505C/960	Complete Kit / 960 tests	605.00 EUR
07210PC	Method Control	30.00 EUR
07505NC	Negative Control	30.00 EUR

**07027 Lettuce Mosaic Potyvirus. LMV****DAS ELISA**

Transmission: aphids, mechanical inoculation, seed

Syn: Lactuca Virus 1, Host range: endive, lettuce, ornamentals, peas, spinach

07027S/100	Set / 100 tests	100.00 EUR
07027S/300	Set / 300 tests	200.00 EUR
07027S/500	Set / 500 tests	235.00 EUR
07027C/096	Complete Kit / 96 tests	236.00 EUR
07027C/480	Complete Kit / 480 tests	415.00 EUR
07027PC	Positive Control	39.00 EUR
07027NC	Negative Control	30.00 EUR

07059 Maize Dwarf Mosaic Potyvirus. MDMV**DAS ELISA**

Transmission: aphids, mechanical inoculation, seed

Host range: Panicum spp, Saccharum spp, Zea Maize

Syn: MDMV-A, -D, -E, -F

07059S/100	Set / 100 tests	100.00 EUR
07059S/300	Set / 300 tests	200.00 EUR
07059S/500	Set / 500 tests	235.00 EUR
07059S/1000	Set / 1000 tests	415.00 EUR
07059C/096	Complete Kit / 96 tests	236.00 EUR
07059C/480	Complete Kit / 480 tests	415.00 EUR
07059C/960	Complete Kit / 960 tests	660.00 EUR
07059PC	Positive Control	39.00 EUR
07059NC	Negative Control	30.00 EUR

07066 Maize Chlorotic Mottle Machlovirus. MCMV**DAS ELISA**

Transmission: chrysomelid beetles, thrips, mechanical inoculation, seed

Host range: Johnson grass, Saccharum spp, Zea maize etc

Synergistic action with MDMVA and B Corn Lethal Necrosis

07066S/100	Set / 100 tests	95.00 EUR
07066S/300	Set / 300 tests	185.00 EUR
07066S/500	Set / 500 tests	223.00 EUR
07066C/096	Complete Kit / 96 tests	230.00 EUR
07066C/480	Complete Kit / 480 tests	390.00 EUR
07066PC	Positive Control	39.00 EUR
07066NC	Negative Control	30.00 EUR

07097 Melon Necrotic Spot Carmovirus. MNSV**DAS ELISA**

Transmission: fungus, contact, mechanical inoculation, seed

Host range: cucurbitaceae

07097S/100	Set / 100 tests	100.00 EUR
07097S/300	Set / 300 tests	200.00 EUR
07097S/500	Set / 500 tests	235.00 EUR
07097S/1000	Set / 1000 tests	415.00 EUR
07097C/096	Complete Kit / 96 tests	236.00 EUR
07097C/480	Complete Kit / 480 tests	415.00 EUR
07097C/960	Complete Kit / 960 tests	660.00 EUR
07097PC	Positive Control	39.00 EUR
07097NC	Negative Control	30.00 EUR

07149 Mirafiori Lettuce Big-Vein Ophiovirus. MiLBVV**DAS ELISA**

Transmission: mechanical inoculation, Olpidium brassicae

Host range: lettuce

07149S/100	Set / 100 tests	100.00 EUR
07149S/300	Set / 300 tests	200.00 EUR
07149S/500	Set / 500 tests	235.00 EUR
07149C/096	Complete Kit / 96 tests	236.00 EUR
07149C/480	Complete Kit / 480 tests	415.00 EUR
07149PC	Positive Control	39.00 EUR
07149NC	Negative Control	30.00 EUR

**07098 Nemesia Ring Necrosis Tymovirus. NeRNV****DAS ELISA**

Transmission: beetles, mechanical inoculation, vegetative propagation
Host range: many ornamental plants

07098S/100	Set / 100 tests	100.00 EUR
07098S/300	Set / 300 tests	200.00 EUR
07098S/500	Set / 500 tests	235.00 EUR
07098C/096	Complete Kit / 96 tests	236.00 EUR
07098C/480	Complete Kit / 480 tests	415.00 EUR
07098PC	Positive Control	39.00 EUR
07098NC	Negative Control	30.00 EUR

07151 Olive Latent Necrovirus-1. OLV-1**DAS ELISA**

Transmission: mechanical inoculation, Soil-transmitted not by a vector
Host range: Olive

07151S/100	Set / 100 tests	100.00 EUR
07151S/300	Set / 300 tests	200.00 EUR
07151S/500	Set / 500 tests	235.00 EUR
07151S/1000	Set / 1000 tests	415.00 EUR
07151C/096	Complete Kit / 96 tests	236.00 EUR
07151C/480	Complete Kit / 480 tests	415.00 EUR
07151C/960	Complete Kit / 960 tests	660.00 EUR
07151PC	Positive Control	39.00 EUR
07151NC	Negative Control	30.00 EUR

07111 Onion Yellow Dwarf Potyvirus. OYDV**DAS ELISA**

Transmission: aphids, mechanical inoculation
Host range: Allium species

07111S/100	Set / 100 tests	100.00 EUR
07111S/300	Set / 300 tests	200.00 EUR
07111S/500	Set / 500 tests	235.00 EUR
07111C/096	Complete Kit / 96 tests	236.00 EUR
07111C/480	Complete Kit / 480 tests	415.00 EUR
07111PC	Method Control	30.00 EUR
07111NC	Negative Control	30.00 EUR

07060 Papaya Ringspot Potyvirus. PRSV**DAS ELISA**

Watermelon Mosaic Virus I
Transmission: aphids, mechanical inoculation
Host range: Cucurbitaceae, Papaya

07060S/100	Set / 100 tests	100.00 EUR
07060S/300	Set / 300 tests	200.00 EUR
07060S/500	Set / 500 tests	235.00 EUR
07060S/1000	Set / 1000 tests	415.00 EUR
07060C/096	Complete Kit / 96 tests	236.00 EUR
07060C/480	Complete Kit / 480 tests	415.00 EUR
07060C/960	Complete Kit / 960 tests	660.00 EUR
07060PC	Positive Control	39.00 EUR
07060NC	Negative Control	30.00 EUR

07065 Paprika Mild Mottle Tobamovirus. PaMMV**DAS ELISA**

Transmission: mechanical Inoculation and possibly by seeds
Host range: Capsicum species

07065S/100	Set / 100 tests	100.00 EUR
07065S/300	Set / 300 tests	200.00 EUR
07065S/500	Set / 500 tests	235.00 EUR
07065S/1000	Set / 1000 tests	415.00 EUR
07065C/096	Complete Kit / 96 tests	236.00 EUR
07065C/480	Complete Kit / 480 tests	415.00 EUR
07065C/960	Complete Kit / 960 tests	660.00 EUR
07065PC	Positive Control	39.00 EUR
07065NC	Negative Control	30.00 EUR

**07029 Pea Enation Mosaic Enamovirus. PEMV****DAS ELISA**

Transmission: aphids and mechanical inoculation
Host range: Leguminosae
Enamovirus

07029S/100	Set / 100 tests	100.00 EUR
07029S/300	Set / 300 tests	200.00 EUR
07029S/500	Set / 500 tests	235.00 EUR
07029C/096	Complete Kit / 96 tests	236.00 EUR
07029C/480	Complete Kit / 480 tests	415.00 EUR
07029PC	Positive Control	39.00 EUR
07029NC	Negative Control	30.00 EUR

07112 Pea Necrotic Yellow Dwarf Nanovirus. PNYDV**DAS ELISA**

Transmission: aphids
Host range: Lentils, faba beans, peas

07112S/100	Set / 100 tests	95.00 EUR
07112S/300	Set / 300 tests	185.00 EUR
07112S/500	Set / 500 tests	223.00 EUR
07112C/096	Complete Kit / 96 tests	230.00 EUR
07112C/480	Complete Kit / 480 tests	390.00 EUR
07112PC	Positive Control	39.00 EUR
07112NC	Negative Control	30.00 EUR

07030 Pea Seed-borne Mosaic Potyvirus. PSbMV**DAS ELISA**

Transmission: aphids, seed
Host range: Leguminosae

07030S/100	Set / 100 tests	95.00 EUR
07030S/300	Set / 300 tests	185.00 EUR
07030S/500	Set / 500 tests	223.00 EUR
07030C/096	Complete Kit / 96 tests	230.00 EUR
07030C/480	Complete Kit / 480 tests	390.00 EUR
07030PC	Positive Control	39.00 EUR
07030NC	Negative Control	30.00 EUR

07073 Pelargonium Flower Break Carmovirus. PFBV**DAS ELISA**

Transmission: contact, grafting
Host range: Pelargonium species

07073S/100	Set / 100 tests	95.00 EUR
07073S/300	Set / 300 tests	185.00 EUR
07073S/500	Set / 500 tests	223.00 EUR
07073C/096	Complete Kit / 96 tests	230.00 EUR
07073C/480	Complete Kit / 480 tests	390.00 EUR
07073PC	Positive Control	39.00 EUR
07073NC	Negative Control	30.00 EUR

07083 Pelargonium Leafcurl Tombusvirus. PLCV**DAS ELISA**

Transmission: contact, grafting, mechan
Host range: Pelargonium species

07083S/100	Set / 100 tests	100.00 EUR
07083S/300	Set / 300 tests	200.00 EUR
07083S/500	Set / 500 tests	235.00 EUR
07083C/096	Complete Kit / 96 tests	236.00 EUR
07083C/480	Complete Kit / 480 tests	415.00 EUR
07083PC	Positive Control	39.00 EUR
07083NC	Negative Control	30.00 EUR

**07094 Pelargonium Line Pattern Carmovirus. PLPV****DAS ELISA**

Transmission: contacts, grafting, mechanical inoculation
Host range: Pelargonium spp

07094S/100	Set / 100 tests	100.00 EUR
07094S/300	Set / 300 tests	200.00 EUR
07094S/500	Set / 500 tests	235.00 EUR
07094S/1000	Set / 1000 tests	236.00 EUR
07094C/096	Complete Kit / 96 tests	415.00 EUR
07094C/480	Complete Kit / 480 tests	39.00 EUR
07094C/960	Complete Kit / 960 tests	30.00 EUR
07094PC	Positive Control	
07094NC	Negative Control	

07128 Pepino Mosaic Potexvirus. PepMV**DAS ELISA**

Transmission: contact, mechanical inoculation, seed
Host range: pepino, tomato

07128S/100	Set / 100 tests	95.00 EUR
07128S/300	Set / 300 tests	185.00 EUR
07128S/500	Set / 500 tests	223.00 EUR
07128S/1000	Set / 1000 tests	385.00 EUR
07128S/5000	Set / 5000 tests	975.00 EUR
07128C/096	Complete Kit / 96 tests	230.00 EUR
07128C/480	Complete Kit / 480 tests	390.00 EUR
07128C/960	Complete Kit / 960 tests	605.00 EUR
07128PC	Positive Control	39.00 EUR
07128NC	Negative Control	30.00 EUR

07096 Pepper Mild Mottle Tobamovirus. PMMoV**DAS ELISA**

Transmission: contact, grafting, mechanical inoculation, seed
Host range: Capsicum species

07096S/100	Set / 100 tests	100.00 EUR
07096S/300	Set / 300 tests	200.00 EUR
07096S/500	Set / 500 tests	235.00 EUR
07096S/1000	Set / 1000 tests	415.00 EUR
07096C/096	Complete Kit / 96 tests	236.00 EUR
07096C/480	Complete Kit / 480 tests	415.00 EUR
07096C/960	Complete Kit / 960 tests	660.00 EUR
07096PC	Positive Control	39.00 EUR
07096NC	Negative Control	30.00 EUR

07159 Pepper Veinal Mottle Potyvirus. PVMV**DAS ELISA**

Transmission: aphids, grafting and mechanical inoculation
Host range: Solanaceae

07159S/100	Set / 100 tests	100.00 EUR
07159S/300	Set / 300 tests	200.00 EUR
07159S/500	Set / 500 tests	235.00 EUR
07159S/1000	Set / 1000 tests	415.00 EUR
07159C/096	Complete Kit / 96 tests	236.00 EUR
07159C/480	Complete Kit / 480 tests	415.00 EUR
07159C/960	Complete Kit / 960 tests	660.00 EUR
07159PC	Positive Control	39.00 EUR
07159NC	Negative Control	30.00 EUR

07061 Petunia Asteroid Mosaic Tombusvirus. PeAMV**DAS ELISA**

Transmission: contaminated soil, grafting and mechanical inoculation
Host range: hop, petunia, Prunus species, etc

07061S/100	Set / 100 tests	95.00 EUR
07061S/300	Set / 300 tests	185.00 EUR
07061S/500	Set / 500 tests	223.00 EUR
07061S/1000	Set / 1000 tests	385.00 EUR
07061C/096	Complete Kit / 96 tests	230.00 EUR
07061C/480	Complete Kit / 480 tests	390.00 EUR
07061C/960	Complete Kit / 960 tests	605.00 EUR
07061PC	Positive Control	39.00 EUR
07061NC	Negative Control	30.00 EUR

**07187 Plum Pox Potyvirus universal****DAS ELISA, Polyclonal Antibodies**

Transmission: aphids, mechanical inoculation
Host range: Prunus species

07187S/100	Set / 100 tests	95.00 EUR
07187S/300	Set / 300 tests	185.00 EUR
07187S/500	Set / 500 tests	223.00 EUR
07187S/1000	Set / 1000 tests	385.00 EUR
07187C/096	Complete Kit / 96 tests	230.00 EUR
07187C/480	Complete Kit / 480 tests	390.00 EUR
07187C/960	Complete Kit / 960 tests	605.00 EUR
07187PC	Positive Control	39.00 EUR
07187NC	Negative Control	30.00 EUR

07032 Potato A Potyvirus. PVA**DAS ELISA**

Transmission: aphids and mechanical inoculation
Host range: Solanaceae

07032S/100	Set / 100 tests	95.00 EUR
07032S/300	Set / 300 tests	185.00 EUR
07032S/500	Set / 500 tests	223.00 EUR
07032S/1000	Set / 1000 tests	385.00 EUR
07032S/5000	Set / 5000 tests	975.00 EUR
07032C/096	Complete Kit / 96 tests	230.00 EUR
07032C/480	Complete Kit / 480 tests	390.00 EUR
07032C/960	Complete Kit / 960 tests	605.00 EUR
07032PC	Positive Control	39.00 EUR
07032NC	Negative Control	30.00 EUR

07145 Potato Black Ringspot Nepovirus. PBRSV**DAS ELISA**

Transmission: grafting and mechanical inoculation
Host range: potatoes, solanaceous species
Syn: Potato Calico strain of Tobacco Ringspot Virus

07145S/100	Set / 100 tests	100.00 EUR
07145S/300	Set / 300 tests	200.00 EUR
07145S/500	Set / 500 tests	235.00 EUR
07145S/1000	Set / 1000 tests	415.00 EUR
07145C/096	Complete Kit / 96 tests	236.00 EUR
07145C/480	Complete Kit / 480 tests	415.00 EUR
07145C/960	Complete Kit / 960 tests	660.00 EUR
07210PC	Method Control	30.00 EUR
07145NC	Negative Control	30.00 EUR

07031 Potato Leafroll Polerovirus. PLRV**DAS ELISA**

Transmission: aphids, grafting

07031S/100	Set / 100 tests	100.00 EUR
07031S/300	Set / 300 tests	200.00 EUR
07031S/500	Set / 500 tests	235.00 EUR
07031S/1000	Set / 1000 tests	415.00 EUR
07031S/5000	Set / 5000 tests	1052.00 EUR
07031C/096	Complete Kit / 96 tests	236.00 EUR
07031C/480	Complete Kit / 480 tests	415.00 EUR
07031C/960	Complete Kit / 960 tests	660.00 EUR
07031PC	Positive Control	39.00 EUR
07031NC	Negative Control	30.00 EUR

07033 Potato M Carlavirus. PVM**DAS ELISA**

Transmission: aphids, grafting and mechanical inoculation
Host range: potatoes and other solanaceous species

07033S/100	Set / 100 tests	95.00 EUR
07033S/300	Set / 300 tests	185.00 EUR
07033S/500	Set / 500 tests	223.00 EUR
07033S/1000	Set / 1000 tests	385.00 EUR
07033S/5000	Set / 5000 tests	975.00 EUR
07033C/096	Complete Kit / 96 tests	230.00 EUR
07033C/480	Complete Kit / 480 tests	390.00 EUR
07033C/960	Complete Kit / 960 tests	605.00 EUR
07033PC	Positive Control	39.00 EUR
07033NC	Negative Control	30.00 EUR

**07034 Potato S Carlavirus. PVS Pepino Latent Virus****DAS ELISA**

Transmission: aphids, mechanical inoculation
 Host range: potatoes

07034S/100	Set / 100 tests	95.00 EUR
07034S/300	Set / 300 tests	185.00 EUR
07034S/500	Set / 500 tests	223.00 EUR
07034S/1000	Set / 1000 tests	385.00 EUR
07034S/5000	Set / 5000 tests	975.00 EUR
07034C/096	Complete Kit / 96 tests	230.00 EUR
07034C/480	Complete Kit / 480 tests	390.00 EUR
07034C/960	Complete Kit / 960 tests	605.00 EUR
07034PC	Positive Control	39.00 EUR
07034NC	Negative Control	30.00 EUR

07037 Potato X Potexvirus. PVX**DAS ELISA**

Transmission: contacts between plants, mechanical inoculation
 Host range: potato

07037S/100	Set / 100 tests	95.00 EUR
07037S/300	Set / 300 tests	185.00 EUR
07037S/500	Set / 500 tests	223.00 EUR
07037S/1000	Set / 1000 tests	385.00 EUR
07037S/5000	Set / 5000 tests	975.00 EUR
07037C/096	Complete Kit / 96 tests	230.00 EUR
07037C/480	Complete Kit / 480 tests	390.00 EUR
07037C/960	Complete Kit / 960 tests	605.00 EUR
07037PC	Positive Control	39.00 EUR
07037NC	Negative Control	30.00 EUR

07038 Potato Y Potyvirus. PVY**DAS ELISA**

Transmission: aphids, grafting, mechanical inoculation
 Host range: solanaceous plants

07038S/100	Set / 100 tests	95.00 EUR
07038S/300	Set / 300 tests	185.00 EUR
07038S/500	Set / 500 tests	223.00 EUR
07038S/1000	Set / 1000 tests	385.00 EUR
07038S/5000	Set / 5000 tests	975.00 EUR
07038C/096	Complete Kit / 96 tests	230.00 EUR
07038C/480	Complete Kit / 480 tests	390.00 EUR
07038C/960	Complete Kit / 960 tests	605.00 EUR
07038PC	Positive Control	39.00 EUR
07038NC	Negative Control	30.00 EUR

07051 Prune Dwarf Ilarvirus. PDV**DAS ELISA**

Transmission: grafting, mechanical inoculation, pollen-to-seed, seed
 Host range: Prunus species

07051S/100	Set / 100 tests	95.00 EUR
07051S/300	Set / 300 tests	185.00 EUR
07051S/500	Set / 500 tests	223.00 EUR
07051S/1000	Set / 1000 tests	385.00 EUR
07051C/096	Complete Kit / 96 tests	230.00 EUR
07051C/480	Complete Kit / 480 tests	390.00 EUR
07051C/960	Complete Kit / 960 tests	605.00 EUR
07051PC	Positive Control	39.00 EUR
07051NC	Negative Control	30.00 EUR

07052 Prunus Necrotic Ringspot Ilarvirus. PNRV**DAS ELISA**

Transmission: grafting, mechanical inoculation, pollen-to-seed, seed
 Host range: cucumber, hop, Prunus species

07052S/100	Set / 100 tests	95.00 EUR
07052S/300	Set / 300 tests	185.00 EUR
07052S/500	Set / 500 tests	223.00 EUR
07052S/1000	Set / 1000 tests	385.00 EUR
07052C/096	Complete Kit / 96 tests	230.00 EUR
07052C/480	Complete Kit / 480 tests	390.00 EUR
07052C/960	Complete Kit / 960 tests	605.00 EUR
07052PC	Positive Control	39.00 EUR
07052NC	Negative Control	30.00 EUR

**07080 Raspberry Bushy Dwarf Idaeovirus. RBDV****DAS ELISA**

Transmission: grafting, mechanical inoculation
 Host range: Rubus species

07080S/100	Set / 100 tests	95.00 EUR
07080S/300	Set / 300 tests	185.00 EUR
07080S/500	Set / 500 tests	223.00 EUR
07080S/1000	Set / 1000 tests	385.00 EUR
07080C/096	Complete Kit / 96 tests	230.00 EUR
07080C/480	Complete Kit / 480 tests	390.00 EUR
07080C/960	Complete Kit / 960 tests	605.00 EUR
07210PC	Method Control	30.00 EUR
07080NC	Negative Control	30.00 EUR

07141 Raspberry Ringspot Nepovirus Broad Range. RpRSV**DAS ELISA**

detecting RpRSV-g, RpRSV-ch, RpRSV-r

Transmission: mechanical inoculation, nematodes, pollen-to-seed, seed
 Host range: grapevine, Rubus species, strawberry

07141S/100	Set / 100 tests	100.00 EUR
07141S/300	Set / 300 tests	200.00 EUR
07141S/500	Set / 500 tests	235.00 EUR
07141S/1000	Set / 1000 tests	415.00 EUR
07141C/096	Complete Kit / 96 tests	236.00 EUR
07141C/480	Complete Kit / 480 tests	415.00 EUR
07141C/960	Complete Kit / 960 tests	660.00 EUR
07141PC	Positive Control	39.00 EUR
07141NC	Negative Control	30.00 EUR

07133 Rice Yellow Mottle Sobemovirus. RYMV**DAS ELISA**

Transmission: beetles and mechanical inoculation
 Host range: rice

07133S/100	Set / 100 tests	100.00 EUR
07133S/300	Set / 300 tests	200.00 EUR
07133S/500	Set / 500 tests	235.00 EUR
07133C/096	Complete Kit / 96 tests	236.00 EUR
07133C/480	Complete Kit / 480 tests	415.00 EUR
07133PC	Positive Control	39.00 EUR
07133NC	Negative Control	30.00 EUR

07173 Soil-borne Cereal Mosaic Furovirus. SbCMV**TAS ELISA**

polyclonal/monoclonal

Transmission: a soil-borne fungus
 Host range: barley, wheat, rye

07173S/100	Set / 100 tests	100.00 EUR
07173S/300	Set / 300 tests	200.00 EUR
07173S/500	Set / 500 tests	235.00 EUR
07173C/096	Complete Kit / 96 tests	236.00 EUR
07173C/480	Complete Kit / 480 tests	415.00 EUR
07212PC	Method Control	30.00 EUR
07173NC	Negative Control	30.00 EUR

07174 Soil-borne Wheat Mosaic Furovirus. SbWMV**TAS ELISA**

monoclonal/monoclonal

Transmission: a soil-borne fungus
 Host range: barley, wheat, rye

07174S/100	Set / 100 tests	100.00 EUR
07174S/300	Set / 300 tests	200.00 EUR
07174S/500	Set / 500 tests	235.00 EUR
07174C/096	Complete Kit / 96 tests	236.00 EUR
07174C/480	Complete Kit / 480 tests	415.00 EUR
07174PC	Positive Control	39.00 EUR
07174NC	Negative Control	30.00 EUR

**07179 Southern Bean Mosaic Sobemovirus. SBMV****DAS ELISA**

Transmission: Coleoptera, grafting, mechanical inoculation
 Host range: bean

07179S/100	Set / 100 tests	100.00 EUR
07179S/300	Set / 300 tests	200.00 EUR
07179S/500	Set / 500 tests	235.00 EUR
07179C/096	Complete Kit / 96 tests	236.00 EUR
07179C/480	Complete Kit / 480 tests	415.00 EUR
07179PC	Positive Control	39.00 EUR
07179NC	Negative Control	30.00 EUR

07074 Soybean Mosaic Potyvirus. SMV**DAS ELISA**

Transmission: aphids, mechanical inoculation
 Host range: soybeans

07074S/100	Set / 100 tests	95.00 EUR
07074S/300	Set / 300 tests	185.00 EUR
07074S/500	Set / 500 tests	223.00 EUR
07074C/096	Complete Kit / 96 tests	230.00 EUR
07074C/480	Complete Kit / 480 tests	390.00 EUR
07074PC	Positive Control	39.00 EUR
07074NC	Negative Control	30.00 EUR

07089 Squash Mosaic Comovirus. SqMV**DAS ELISA**

Transmission: Beetles, mechanical inoculation, pollen-to seed,
 seed
 Host range: Cucurbitaceae

07089S/100	Set / 100 tests	95.00 EUR
07089S/300	Set / 300 tests	185.00 EUR
07089S/500	Set / 500 tests	223.00 EUR
07089C/096	Complete Kit / 96 tests	230.00 EUR
07089C/480	Complete Kit / 480 tests	390.00 EUR
07089PC	Positive Control	39.00 EUR
07089NC	Negative Control	30.00 EUR

07115 Strawberry Latent Ringspot Nepovirus. SLRV**DAS ELISA**

Transmission: mechanical inoculation, inoculation, nematodes, seeds
 Host range: many species

07115S/100	Set / 100 tests	95.00 EUR
07115S/300	Set / 300 tests	185.00 EUR
07115S/500	Set / 500 tests	223.00 EUR
07115C/096	Complete Kit / 96 tests	230.00 EUR
07115C/480	Complete Kit / 480 tests	390.00 EUR
07115PC	Positive Control	39.00 EUR
07115NC	Negative Control	30.00 EUR

07088 Sugarcane Mosaic Potyvirus MDMV B. SCMV**DAS ELISA**

Transmission: aphids, grafting, mechanical inoculation, seed
 Host range: maize, Sorghum spp, Sugarcane

07088S/100	Set / 100 tests	95.00 EUR
07088S/300	Set / 300 tests	185.00 EUR
07088S/500	Set / 500 tests	223.00 EUR
07088S/1000	Set / 1000 tests	385.00 EUR
07088C/096	Complete Kit / 96 tests	230.00 EUR
07088C/480	Complete Kit / 480 tests	390.00 EUR
07088C/960	Complete Kit / 960 tests	605.00 EUR
07088PC	Positive Control	39.00 EUR
07088NC	Negative Control	30.00 EUR

**07176 Tobacco Mild Green Mosaic Tobamovirus****DAS ELISA**

TMV strain U2. TMGMV

Transmission: grafting and mechanical inoculation without vector

07176S/100	Set / 100 tests	95.00 EUR
07176S/300	Set / 300 tests	185.00 EUR
07176S/500	Set / 500 tests	223.00 EUR
07176S/1000	Set / 1000 tests	385.00 EUR
07176C/096	Complete Kit / 96 tests	230.00 EUR
07176C/480	Complete Kit / 480 tests	390.00 EUR
07176C/960	Complete Kit / 960 tests	605.00 EUR
07176PC	Positive Control	39.00 EUR
07176NC	Negative Control	30.00 EUR

07042 Tobacco Mosaic Tobamovirus TMV strain U1. TMV**DAS ELISA**

Transmission: contact, grafting, mechanical inoculation, seed, no vector

Host range: many species

07042S/100	Set / 100 tests	95.00 EUR
07042S/300	Set / 300 tests	185.00 EUR
07042S/500	Set / 500 tests	223.00 EUR
07042S/1000	Set / 1000 tests	385.00 EUR
07042S/5000	Set / 5000 tests	975.00 EUR
07042C/096	Complete Kit / 96 tests	230.00 EUR
07042C/480	Complete Kit / 480 tests	390.00 EUR
07042C/960	Complete Kit / 960 tests	605.00 EUR
07042PC	Positive Control	39.00 EUR
07042NC	Negative Control	30.00 EUR

07036 Tobacco Necrosis Necrovirus Broad Range. TNV**DAS ELISA**

Transmission: Olpidium brassicae and by mechanical inoculation

Host range: many species

Detection of serogroups A and D

07036S/100	Set / 100 tests	95.00 EUR
07036S/300	Set / 300 tests	185.00 EUR
07036S/500	Set / 500 tests	223.00 EUR
07036S/1000	Set / 1000 tests	385.00 EUR
07036C/096	Complete Kit / 96 tests	230.00 EUR
07036C/480	Complete Kit / 480 tests	390.00 EUR
07036C/960	Complete Kit / 960 tests	605.00 EUR
07036PC	Positive Control	39.00 EUR
07036NC	Negative Control	30.00 EUR

07152 Tobacco Rattle Tobravirus Broad Range TRV**DAS ELISA**

Transmission: grafting, mechanical inoculation, nematodes, seed

Host range: many species

Artificial mixture of antisera

07152S/100	Set / 100 tests	95.00 EUR
07152S/300	Set / 300 tests	185.00 EUR
07152S/500	Set / 500 tests	223.00 EUR
07152S/1000	Set / 1000 tests	385.00 EUR
07152C/096	Complete Kit / 96 tests	230.00 EUR
07152C/480	Complete Kit / 480 tests	390.00 EUR
07152C/960	Complete Kit / 960 tests	605.00 EUR
07152PC	Positive Control	39.00 EUR
07152NC	Negative Control	30.00 EUR

07168 Tobacco Ringspot Nepovirus. TRSV**DAS ELISA**

Transmission: mechanical inoculation, nematodes, other vectors, seed

Host range: cucumber, soybean, tomato

07168S/100	Set / 100 tests	95.00 EUR
07168S/300	Set / 300 tests	185.00 EUR
07168S/500	Set / 500 tests	223.00 EUR
07168S/1000	Set / 1000 tests	385.00 EUR
07168C/096	Complete Kit / 96 tests	230.00 EUR
07168C/480	Complete Kit / 480 tests	390.00 EUR
07168C/960	Complete Kit / 960 tests	605.00 EUR
07168PC	Positive Control	39.00 EUR
07168NC	Negative Control	30.00 EUR

**07184 Tobamoscreen I****DAS ELISA**

detecting PMMoV, TMV, ToMV and others

Transmission: contact, mechanical inoculation, seed, pollinators

Host range: many species

07184S/100	Set / 100 tests	95.00 EUR
07184S/300	Set / 300 tests	185.00 EUR
07184S/500	Set / 500 tests	223.00 EUR
07184S/1000	Set / 1000 tests	385.00 EUR
07184C/096	Complete Kit / 96 tests	230.00 EUR
07184C/480	Complete Kit / 480 tests	390.00 EUR
07184C/960	Complete Kit / 960 tests	605.00 EUR
07184PC	Positive Control	39.00 EUR
07184NC	Negative Control	30.00 EUR

07188 Tobamoscreen II**DAS ELISA**

detects Ribgrass Mosaic V;, Streptocarpus Flowerbreak V;, Turnip Vein Clearing V;, and Youcai Mosaic V;

07188S/100	Set / 100 tests	100.00 EUR
07188S/300	Set / 300 tests	200.00 EUR
07188S/500	Set / 500 tests	235.00 EUR
07188S/1000	Set / 1000 tests	415.00 EUR
07188C/096	Complete Kit / 96 tests	236.00 EUR
07188C/480	Complete Kit / 480 tests	415.00 EUR
07188C/960	Complete Kit / 960 tests	660.00 EUR
07188PC	Positive Control	39.00 EUR
07188NC	Negative Control	30.00 EUR

07045 Tomato Aspermy Cucumovirus. TAV**DAS ELISA**

Chrysanthemum Aspermy Virus

Transmission: grafting, mechanical inoculation, seed

Host range: Chrysanthemum myrtifolium, tomato

07045S/100	Set / 100 tests	95.00 EUR
07045S/300	Set / 300 tests	185.00 EUR
07045S/500	Set / 500 tests	235.00 EUR
07045C/096	Complete Kit / 96 tests	230.00 EUR
07045C/480	Complete Kit / 480 tests	390.00 EUR
07045PC	Positive Control	39.00 EUR
07045NC	Negative Control	30.00 EUR

07062 Tomato Blackring Nepovirus. TBRV**DAS ELISA**

Transmission: grafting, mechanical inoculation, nematodes and seed

Host range: many species

Syn: Potato Bouquet Virus

07062S/100	Set / 100 tests	95.00 EUR
07062S/300	Set / 300 tests	200.00 EUR
07062S/500	Set / 500 tests	223.00 EUR
07062C/096	Complete Kit / 96 tests	230.00 EUR
07062C/480	Complete Kit / 480 tests	390.00 EUR
07062PC	Positive Control	39.00 EUR
07062NC	Negative Control	30.00 EUR

07175 Tomato Brown Rugose Fruit Tobamovirus. ToBRSV**DAS ELISA**

Transmission: grafting, mechanical inoculation, nematodes and seed

Host range: tomato, paprika

Syn: Jordan Virus

07175S/100	Set / 100 tests	100.00 EUR
07175S/300	Set / 300 tests	185.00 EUR
07175S/500	Set / 500 tests	223.00 EUR
07175C/096	Complete Kit / 96 tests	236.00 EUR
07175C/480	Complete Kit / 480 tests	315.00 EUR
07210PC	Method Control	30.00 EUR
07175NC	Negative Control	30.00 EUR



07067 Tomato Bushy Stunt Tombusvirus. TBSV

DAS ELISA

Transmission: grafting, mechanical inoculation, anical inoculation and seed
Host range: solanaceous species, tulips etc

07067S/100	Set / 100 tests	95.00 EUR
07067S/300	Set / 300 tests	185.00 EUR
07067S/500	Set / 500 tests	223.00 EUR
07067S/1000	Set / 1000 tests	385.00 EUR
07067C/096	Complete Kit / 96 tests	230.00 EUR
07067C/480	Complete Kit / 480 tests	390.00 EUR
07067C/960	Complete Kit / 960 tests	605.00 EUR
07067PC	Positive Control	39.00 EUR
07067NC	Negative Control	30.00 EUR

07503 Tomato Chlorotic Spot Tospovirus. TCSV

DAS ELISA

Transmission: mechanical inoculation, anical inoculation and thrips
TSWV serogroup former serogroup II
Host range: lettuce, tomato

07503S/100	Set / 100 tests	100.00 EUR
07503S/300	Set / 300 tests	200.00 EUR
07503S/500	Set / 500 tests	235.00 EUR
07503C/096	Complete Kit / 96 tests	236.00 EUR
07503C/480	Complete Kit / 480 tests	415.00 EUR
07503PC	Positive Control	39.00 EUR
07503NC	Negative Control	30.00 EUR

07047 Tomato Mosaic Tobamovirus Dahlemense strain. ToMV

DAS ELISA

Transmission: contact, mechanical inoculation, anical inoculation, seed
Host range: tomato

07047S/100	Set / 100 tests	95.00 EUR
07047S/300	Set / 300 tests	185.00 EUR
07047S/500	Set / 500 tests	223.00 EUR
07047S/1000	Set / 1000 tests	385.00 EUR
07047S/5000	Set / 5000 tests	975.00 EUR
07047C/096	Complete Kit / 96 tests	230.00 EUR
07047C/480	Complete Kit / 480 tests	390.00 EUR
07047C/960	Complete Kit / 960 tests	605.00 EUR
07047PC	Positive Control	39.00 EUR
07047NC	Negative Control	30.00 EUR

07084 Tomato Ringspot Nepovirus pelargonium isolate. ToRSV

DAS ELISA

Transmission: grafting, mechanical inoculation, anical inoculation, Xiphinemia, seed
Host range: grapevine, pelargonium, pome fruits etc

07084S/100	Set / 100 tests	100.00 EUR
07084S/300	Set / 300 tests	200.00 EUR
07084S/500	Set / 500 tests	235.00 EUR
07084C/096	Complete Kit / 96 tests	236.00 EUR
07084C/480	Complete Kit / 480 tests	415.00 EUR
07210PC	Method Control	30.00 EUR
07084NC	Negative Control	30.00 EUR

07501 Tomato Spotted Wilt Tospovirus. TSWV

DAS ELISA

former serogroup I

Transmission: grafting, mechanical inoculation, Thrips
Host range: many species

07501S/100	Set / 100 tests	100.00 EUR
07501S/300	Set / 300 tests	200.00 EUR
07501S/500	Set / 500 tests	235.00 EUR
07501S/1000	Set / 1000 tests	415.00 EUR
07501C/096	Complete Kit / 96 tests	236.00 EUR
07501C/480	Complete Kit / 480 tests	415.00 EUR
07501C/960	Complete Kit / 960 tests	660.00 EUR
07210PC	Positive Control	39.00 EUR
07501NC	Negative Control	30.00 EUR

**07177 Tomato Yellow Leafcurl Bigeminivirus. TYLCV****TAS ELISA**

polyclonal/monoclonal

Transmission: Bemisia tabacchi

Host range: tomato

Reaction with ACMV -, BGMV -, TYLCV - and TYLCSV isolates

07177S/100	Set / 100 tests	100.00 EUR
07177S/300	Set / 300 tests	200.00 EUR
07177S/500	Set / 500 tests	235.00 EUR
07177C/096	Complete Kit / 96 tests	236.00 EUR
07177C/480	Complete Kit / 480 tests	415.00 EUR
07212PC	Method Control	30.00 EUR
07177NC	Negative Control	30.00 EUR

07510 Tosposcreen**DAS ELISA**

detects TWSV, INSV, TCSV, GRSV, and CSNV

07510S/100	Set / 100 tests	100.00 EUR
07510S/300	Set / 300 tests	200.00 EUR
07510S/500	Set / 500 tests	235.00 EUR
07510S/1000	Set / 1000 tests	415.00 EUR
07510C/096	Complete Kit / 96 tests	236.00 EUR
07510C/480	Complete Kit / 480 tests	415.00 EUR
07510C/960	Complete Kit / 960 tests	660.00 EUR
07510PC	Positive Control	39.00 EUR
07510NC	Negative Control	30.00 EUR

07049 Turnip Mosaic Potyvirus Cabbage Black Ring Virus. TuMV**DAS ELISA**

Transmission: aphids and mechanical inoculation

Host range: Brassicaceae, Solanaceae, others

07049S/100	Set / 100 tests	95.00 EUR
07049S/300	Set / 300 tests	185.00 EUR
07049S/500	Set / 500 tests	223.00 EUR
07049C/096	Complete Kit / 96 tests	230.00 EUR
07049C/480	Complete Kit / 480 tests	390.00 EUR
07049PC	Positive Control	39.00 EUR
07049NC	Negative Control	30.00 EUR

07091 Turnip Yellow Mosaic Tymovirus. TYMV**DAS ELISA**

Host range: Brassicaceae

07091S/100	Set / 100 tests	95.00 EUR
07091S/300	Set / 300 tests	185.00 EUR
07091S/500	Set / 500 tests	223.00 EUR
07091C/096	Complete Kit / 96 tests	230.00 EUR
07091C/480	Complete Kit / 480 tests	390.00 EUR
07091PC	Positive Control	39.00 EUR
07091NC	Negative Control	30.00 EUR

07009 Turnip Yellow Pterovirus. TuYV**DAS ELISA**

Transmission: aphids

Host range: beta spp, others

Beet Mild Yellowing Virus

07009S/100	Set / 100 tests	95.00 EUR
07009S/300	Set / 300 tests	185.00 EUR
07009S/500	Set / 500 tests	223.00 EUR
07009C/096	Complete Kit / 96 tests	230.00 EUR
07009C/480	Complete Kit / 480 tests	390.00 EUR
07210PC	Method Control	30.00 EUR
07009NC	Negative Control	30.00 EUR

**07095 Watermelon Mosaic Potyvirus II. WMV II****DAS ELISA**

Transmission: aphids and mechanical inoculation
 Host range: Cucurbitaceae

07095S/100	Set / 100 tests	100.00 EUR
07095S/300	Set / 300 tests	200.00 EUR
07095S/500	Set / 500 tests	235.00 EUR
07095C/096	Complete Kit / 96 tests	236.00 EUR
07095C/480	Complete Kit / 480 tests	415.00 EUR
07095PC	Positive Control	39.00 EUR
07095NC	Negative Control	30.00 EUR

07082 Wheat Dwarf Monogeminivirus. WDV**DAS ELISA**

Transmission: cicada Psammotettix alienus
 Host range: barley, wheat

07082S/100	Set / 100 tests	95.00 EUR
07082S/300	Set / 300 tests	185.00 EUR
07082S/500	Set / 500 tests	223.00 EUR
07082S/1000	Set / 1000 tests	385.00 EUR
07082C/096	Complete Kit / 96 tests	230.00 EUR
07082C/480	Complete Kit / 480 tests	390.00 EUR
07082C/960	Complete Kit / 960 tests	605.00 EUR
07082PC	Positive Control	30.00 EUR
07082NC	Negative Control	30.00 EUR

07171 Wheat Spindle Streak Mosaic Bymovirus. WSSMV**DAS ELISA**

Transmission: Polymyxa graminis and by mechanical inoculation
 Host range: rye, wheat
 Polyclonal/monoclonal

07171S/100	Set / 100 tests	100.00 EUR
07171S/300	Set / 300 tests	200.00 EUR
07171S/500	Set / 500 tests	235.00 EUR
07171C/096	Complete Kit / 96 tests	236.00 EUR
07171C/480	Complete Kit / 480 tests	415.00 EUR
07212PC	Method Control	30.00 EUR
07171NC	Negative Control	30.00 EUR

07048 Wheat Streak Mosaic Rymovirus. WSMV**DAS ELISA**

Transmission: mites, mechanical inoculation, seed at low rate
 Host range: maize, wheat, others

07048S/100	Set / 100 tests	100.00 EUR
07048S/300	Set / 300 tests	200.00 EUR
07048S/500	Set / 500 tests	235.00 EUR
07048C/096	Complete Kit / 96 tests	236.00 EUR
07048C/480	Complete Kit / 480 tests	415.00 EUR
07210PC	Method Control	30.00 EUR
07048NC	Negative Control	30.00 EUR

07167 Zucchini Green Mottle Mosaic Tobamovirus. ZGMMV**DAS ELISA**

Transmission: direct contact very likely
 Host range: Cucurbitaceae

07167S/100	Set / 100 tests	95.00 EUR
07167S/300	Set / 300 tests	185.00 EUR
07167S/500	Set / 500 tests	223.00 EUR
07167S/1000	Set / 1000 tests	385.00 EUR
07167C/096	Complete Kit / 96 tests	230.00 EUR
07167C/480	Complete Kit / 480 tests	390.00 EUR
07167C/960	Complete Kit / 960 tests	605.00 EUR
07210PC	Method Control	30.00 EUR
07167NC	Negative Control	30.00 EUR



07104 Zucchini Yellow Fleck Potyvirus. ZYFV

DAS ELISA

Transmission: aphids, contact between plants, mechanical inoculation
Host range: Cucurbitaceae
Potyvirus

07104 S/100	Set / 100 tests	100.00 EUR
07104 S/300	Set / 300 tests	200.00 EUR
07104 S/500	Set / 500 tests	235.00 EUR
07104 C/096	Complete Kit / 96 tests	236.00 EUR
07104 C/480	Complete Kit / 480 tests	415.00 EUR
07104 PC	Positive Control	39.00 EUR
07104 NC	Negative Control	30.00 EUR

07090 Zucchini Yellow Mosaic Potyvirus. ZYMV

DAS ELISA

Transmission: aphids, mechanical inoculation
Host range: Cucurbitaceae
Potyvirus

07090S/100	Set / 100 tests	100.00 EUR
07090S/300	Set / 300 tests	200.00 EUR
07090S/500	Set / 500 tests	235.00 EUR
07090S/1000	Set / 1000 tests	415.00 EUR
07090C/096	Complete Kit / 96 tests	236.00 EUR
07090C/480	Complete Kit / 480 tests	415.00 EUR
07090C/960	Complete Kit / 960 tests	660.00 EUR
07090PC	Positive Control	39.00 EUR
07090NC	Negative Control	30.00 EUR



07154 <i>Acidovorax avenae</i> subsp. <i>citrulli</i> DAS ELISA Bacterial fruit blotch. Host range: cucurbits.	07154S/100	Set / 100 tests	100.00 EUR
	07154S/300	Set / 300 tests	200.00 EUR
	07154S/500	Set / 500 tests	235.00 EUR
	07154S/1000	Set / 1000 tests	415.00 EUR
	07154C/096	Complete Kit / 96 tests	236.00 EUR
	07154C/480	Complete Kit / 480 tests	415.00 EUR
	07154C/960	Complete Kit / 960 tests	660.00 EUR
	07154PC	Positive Control	39.00 EUR
	07154NC	Negative Control	30.00 EUR
07063 <i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i> DAS ELISA Bacterial cancer. Host range: tomatoes, some solanaceous weeds.	07063S/100	Set / 100 tests	95.00 EUR
	07063S/300	Set / 300 tests	185.00 EUR
	07063S/500	Set / 500 tests	223.00 EUR
	07063S/1000	Set / 1000 tests	385.00 EUR
	07063C/096	Complete Kit / 96 tests	230.00 EUR
	07063C/480	Complete Kit / 480 tests	390.00 EUR
	07063C/960	Complete Kit / 960 tests	605.00 EUR
	07063PC	Positive Control	39.00 EUR
	07063NC	Negative Control	30.00 EUR
07064 <i>Clavibacter michiganensis</i> subsp. <i>sepedonicus</i> DAS ELISA Bacterial ring rot. Host range: potatoes, other solanaceous plants.	07064S/100	Set / 100 tests	95.00 EUR
	07064S/300	Set / 300 tests	185.00 EUR
	07064S/500	Set / 500 tests	223.00 EUR
	07064S/1000	Set / 1000 tests	385.00 EUR
	07064C/096	Complete Kit / 96 tests	230.00 EUR
	07064C/480	Complete Kit / 480 tests	390.00 EUR
	07064C/960	Complete Kit / 960 tests	605.00 EUR
	07208PC	Method Control	30.00 EUR
	07064NC	Negative Control	30.00 EUR
07198 <i>Curtobacterium flaccumfaciens</i> ssp. DAS ELISA Bacterial wilt. Host range: Phaseolus and other Fabaceae, tulips and poinsettia	07198S/100	Set / 100 tests	100.00 EUR
	07198S/300	Set / 300 tests	200.00 EUR
	07198S/500	Set / 500 tests	235.00 EUR
	07198S/1000	Set / 1000 tests	415.00 EUR
	07198C/096	Complete Kit / 96 tests	236.00 EUR
	07198C/480	Complete Kit / 480 tests	415.00 EUR
	07198C/960	Complete Kit / 960 tests	660.00 EUR
	07210PC	Method Control	30.00 EUR
	07198NC	Negative Control	30.00 EUR
07146 <i>Dickeya chrysanthemi</i> Saintpaulia Isolate DAS ELISA Positive reaction with <i>Dickeya solani</i> and <i>Dickeya dianthicola</i> , Bacterial soft rot. Host range: Chrysanthemum, carrot, chicory, tomato, potato and others.	07146S/100	Set / 100 tests	100.00 EUR
	07146S/300	Set / 300 tests	200.00 EUR
	07146S/500	Set / 500 tests	235.00 EUR
	07146S/1000	Set / 1000 tests	415.00 EUR
	07146C/096	Complete Kit / 96 tests	236.00 EUR
	07146C/480	Complete Kit / 480 tests	415.00 EUR
	07146C/960	Complete Kit / 960 tests	660.00 EUR
	07146PC	Positive Control	39.00 EUR
	07146NC	Negative Control	30.00 EUR



07069 Erwinia amylovora DAS ELISA Feuerbrand. Fire blight. Recommended in EPPO Diagnostic Standard PM 7/20 (2) Host range: Rosaceae	07069S/100	Set / 100 tests	95.00 EUR
	07069S/300	Set / 300 tests	185.00 EUR
	07069S/500	Set / 500 tests	223.00 EUR
	07069S/1000	Set / 1000 tests	385.00 EUR
	07069C/096	Complete Kit / 96 tests	230.00 EUR
	07069C/480	Complete Kit / 480 tests	390.00 EUR
	07069C/960	Complete Kit / 960 tests	605.00 EUR
	07069PC	Positive Control	39.00 EUR
	07069NC	Negative Control	30.00 EUR
07129 Pantoea stewartii subsp. stewartii DAS ELISA Stewarts disease. Host range: mainly important for maize.	07129S/100	Set / 100 tests	95.00 EUR
	07129S/300	Set / 300 tests	185.00 EUR
	07129S/500	Set / 500 tests	223.00 EUR
	07129S/1000	Set / 1000 tests	385.00 EUR
	07129C/096	Complete Kit / 96 tests	230.00 EUR
	07129C/480	Complete Kit / 480 tests	390.00 EUR
	07129C/960	Complete Kit / 960 tests	605.00 EUR
	07210PC	Method Control	30.00 EUR
	07129NC	Negative Control	30.00 EUR
07068 Pectobacterium atrosepticum potato isolate DAS ELISA Blackleg disease, soft rot disease. Host range: many potatoes.	07068S/100	Set / 100 tests	100.00 EUR
	07068S/300	Set / 300 tests	200.00 EUR
	07068S/500	Set / 500 tests	235.00 EUR
	07068S/1000	Set / 1000 tests	415.00 EUR
	07068C/096	Complete Kit / 96 tests	236.00 EUR
	07068C/480	Complete Kit / 480 tests	415.00 EUR
	07068C/960	Complete Kit / 960 tests	660.00 EUR
	07068PC	Positive Control	39.00 EUR
	07068NC	Negative Control	30.00 EUR
07070 Pseudomonas savastanoi pv. phaseolicola DAS ELISA Halo blight of beans. Host range: beans.	07070S/100	Set / 100 tests	100.00 EUR
	07070S/300	Set / 300 tests	200.00 EUR
	07070S/500	Set / 500 tests	235.00 EUR
	07070S/1000	Set / 1000 tests	415.00 EUR
	07070C/096	Complete Kit / 96 tests	236.00 EUR
	07070C/480	Complete Kit / 480 tests	415.00 EUR
	07070C/960	Complete Kit / 960 tests	660.00 EUR
	07070PC	Positive Control	39.00 EUR
	07070NC	Negative Control	30.00 EUR
07147 Pseudomonas syringae pv. lachrymans DAS ELISA Angular leaf disease, Eckige Blattfleckenkrankheit. Host range: cucurbits.	07147S/100	Set / 100 tests	100.00 EUR
	07147S/300	Set / 300 tests	200.00 EUR
	07147S/500	Set / 500 tests	235.00 EUR
	07147S/1000	Set / 1000 tests	415.00 EUR
	07147C/096	Complete Kit / 96 tests	236.00 EUR
	07147C/480	Complete Kit / 480 tests	415.00 EUR
	07147C/960	Complete Kit / 960 tests	660.00 EUR
	07210PC	Method Control	30.00 EUR
	07147NC	Negative Control	30.00 EUR



07071 <i>Pseudomonas syringae</i> pv. <i>lisi</i> DAS ELISA Bacterial blight of peas. Host range: peas.	07071S/100	Set / 100 tests	100.00 EUR
	07071S/300	Set / 300 tests	200.00 EUR
	07071S/500	Set / 500 tests	235.00 EUR
	07071S/1000	Set / 1000 tests	415.00 EUR
	07071C/096	Complete Kit / 96 tests	236.00 EUR
	07071C/480	Complete Kit / 480 tests	415.00 EUR
	07071C/960	Complete Kit / 960 tests	660.00 EUR
	07071PC	Positive Control	39.00 EUR
	07071NC	Negative Control	30.00 EUR
07139 <i>Pseudomonas syringae</i> pv. <i>tomato</i> DAS ELISA Bacterial speck disease of tomato. Host range: tomatoes.	07139S/100	Set / 100 tests	100.00 EUR
	07139S/300	Set / 300 tests	200.00 EUR
	07139S/500	Set / 500 tests	235.00 EUR
	07139S/1000	Set / 1000 tests	415.00 EUR
	07139C/096	Complete Kit / 96 tests	236.00 EUR
	07139C/480	Complete Kit / 480 tests	415.00 EUR
	07139C/960	Complete Kit / 960 tests	660.00 EUR
	07139PC	Positive Control	39.00 EUR
	07139NC	Negative Control	30.00 EUR
07056 <i>Ralstonia solanacearum</i> DAS ELISA <i>Pseudomonas solanacearum</i> . Braunfäule. Brown rot (potato), Southern Bacterial Wilt (tomato). Moko Disease (banana). Wide host range.	07056S/100	Set / 100 tests	95.00 EUR
	07056S/300	Set / 300 tests	185.00 EUR
	07056S/500	Set / 500 tests	223.00 EUR
	07056S/1000	Set / 1000 tests	385.00 EUR
	07056C/096	Complete Kit / 96 tests	230.00 EUR
	07056C/480	Complete Kit / 480 tests	390.00 EUR
	07056C/960	Complete Kit / 960 tests	605.00 EUR
	07208PC	Method Control	30.00 EUR
	07056NC	Negative Control	30.00 EUR
07170 <i>Rhodococcus fascians</i> DAS ELISA <i>Corynebacterium fascians</i> . Wide host range, important for ornamentals	07170S/100	Set / 100 tests	100.00 EUR
	07170S/300	Set / 300 tests	200.00 EUR
	07170S/500	Set / 500 tests	235.00 EUR
	07170S/1000	Set / 1000 tests	415.00 EUR
	07170C/096	Complete Kit / 96 tests	236.00 EUR
	07170C/480	Complete Kit / 480 tests	415.00 EUR
	07170C/960	Complete Kit / 960 tests	660.00 EUR
	07170PC	Positive Control	39.00 EUR
	07170NC	Negative Control	30.00 EUR
07125 <i>Xanthomonas axonopodis</i> pv. <i>begoniae</i> DAS ELISA Bacterial Leaf and Spot Blight. Ölfleckenkrankheit. Host range: Begoniae.	07125S/100	Set / 100 tests	100.00 EUR
	07125S/300	Set / 300 tests	200.00 EUR
	07125S/500	Set / 500 tests	235.00 EUR
	07125S/1000	Set / 1000 tests	415.00 EUR
	07125C/096	Complete Kit / 96 tests	236.00 EUR
	07125C/480	Complete Kit / 480 tests	415.00 EUR
	07125C/960	Complete Kit / 960 tests	660.00 EUR
	07125PC	Positive Control	39.00 EUR
	07125NC	Negative Control	30.00 EUR



07161 <i>Xanthomonas axonopodis</i> pv. <i>phaseoli</i> DAS ELISA Bakterieller Bohnenbrand, Common Blight, Fettfleckenkrankheit Host range: beans and some other legumes.	07161S/100	Set / 100 tests	100.00 EUR
	07161S/300	Set / 300 tests	200.00 EUR
	07161S/500	Set / 500 tests	235.00 EUR
	07161S/1000	Set / 1000 tests	415.00 EUR
	07161C/096	Complete Kit / 96 tests	236.00 EUR
	07161C/480	Complete Kit / 480 tests	415.00 EUR
	07161C/960	Complete Kit / 960 tests	660.00 EUR
	07161PC	Positive Control	39.00 EUR
	07161NC	Negative Control	30.00 EUR
07122 <i>Xanthomonas campestris</i> pv. <i>campestris</i> DAS ELISA Black Rot Disease, Blight, Leafspot of Crucifers. Host range: Brassicaceae	07122S/100	Set / 100 tests	95.00 EUR
	07122S/300	Set / 300 tests	185.00 EUR
	07122S/500	Set / 500 tests	223.00 EUR
	07122S/1000	Set / 1000 tests	385.00 EUR
	07122C/096	Complete Kit / 96 tests	230.00 EUR
	07122C/480	Complete Kit / 480 tests	390.00 EUR
	07122C/960	Complete Kit / 960 tests	605.00 EUR
	07122PC	Positive Control	39.00 EUR
	07122NC	Negative Control	30.00 EUR
07131 <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> DAS ELISA Blackspot Disease of tomatoes. Host range: various Solanaceae.	07131S/100	Set / 100 tests	100.00 EUR
	07131S/300	Set / 300 tests	200.00 EUR
	07131S/500	Set / 500 tests	235.00 EUR
	07131S/1000	Set / 1000 tests	415.00 EUR
	07131C/096	Complete Kit / 96 tests	236.00 EUR
	07131C/480	Complete Kit / 480 tests	415.00 EUR
	07131C/960	Complete Kit / 960 tests	660.00 EUR
	07131PC	Positive Control	39.00 EUR
	07131NC	Negative Control	30.00 EUR
07103 <i>Xanthomonas citri</i> pv. <i>aurantifolii</i> DAS ELISA Bacterial canker of citrus.	07103S/100	Set / 100 tests	100.00 EUR
	07103S/300	Set / 300 tests	200.00 EUR
	07103S/500	Set / 500 tests	235.00 EUR
	07103S/1000	Set / 1000 tests	415.00 EUR
	07103C/096	Complete Kit / 96 tests	236.00 EUR
	07103C/480	Complete Kit / 480 tests	415.00 EUR
	07103C/960	Complete Kit / 960 tests	660.00 EUR
	07210PC	Method Control	30.00 EUR
	07103NC	Negative Control	30.00 EUR
07102 <i>Xanthomonas citri</i> pv. <i>citri</i> DAS ELISA Bacterial canker of citrus.	07102S/100	Set / 100 tests	95.00 EUR
	07102S/300	Set / 300 tests	185.00 EUR
	07102S/500	Set / 500 tests	223.00 EUR
	07102S/1000	Set / 1000 tests	385.00 EUR
	07102C/096	Complete Kit / 96 tests	230.00 EUR
	07102C/480	Complete Kit / 480 tests	390.00 EUR
	07102C/960	Complete Kit / 960 tests	605.00 EUR
	07210PC	Method Control	30.00 EUR
	07102NC	Negative Control	30.00 EUR



07132 Xanthomonas fragariae DAS ELISA Bacterial Angular Leafspot of strawberry.	07132S/100	Set / 100 tests	100.00 EUR
	07132S/300	Set / 300 tests	200.00 EUR
	07132S/500	Set / 500 tests	235.00 EUR
	07132S/1000	Set / 1000 tests	415.00 EUR
	07132C/096	Complete Kit / 96 tests	236.00 EUR
	07132C/480	Complete Kit / 480 tests	415.00 EUR
	07132C/960	Complete Kit / 960 tests	660.00 EUR
	07132PC	Positive Control	39.00 EUR
	07132NC	Negative Control	30.00 EUR
07077 Xanthomonas hortorum pv. pelargonii DAS ELISA Bacterial Blight of Pelargonium.	07077S/100	Set / 100 tests	95.00 EUR
	07077S/300	Set / 300 tests	185.00 EUR
	07077S/500	Set / 500 tests	223.00 EUR
	07077S/1000	Set / 1000 tests	385.00 EUR
	07077C/096	Complete Kit / 96 tests	230.00 EUR
	07077C/480	Complete Kit / 480 tests	390.00 EUR
	07077C/960	Complete Kit / 960 tests	605.00 EUR
	07077PC	Positive Control	39.00 EUR
	07077NC	Negative Control	30.00 EUR
07130 Xanthomonas oryzae pv. oryzae DAS ELISA Xanthomonas campestris pv. oryzae. Bacterial Leaf Blight of rice.	07130S/100	Set / 100 tests	100.00 EUR
	07130S/300	Set / 300 tests	200.00 EUR
	07130S/500	Set / 500 tests	235.00 EUR
	07130S/1000	Set / 1000 tests	415.00 EUR
	07130C/096	Complete Kit / 96 tests	236.00 EUR
	07130C/480	Complete Kit / 480 tests	415.00 EUR
	07130C/960	Complete Kit / 960 tests	660.00 EUR
	07210PC	Method Control	30.00 EUR
	07130NC	Negative Control	30.00 EUR
07119 Xylella fastidiosa grapevine isolate DAS ELISA Pierce's disease. Host range: many important trees and shrubs.	07119S/100	Set / 100 tests	95.00 EUR
	07119S/300	Set / 300 tests	185.00 EUR
	07119S/500	Set / 500 tests	223.00 EUR
	07119S/1000	Set / 1000 tests	385.00 EUR
	07119C/096	Complete Kit / 96 tests	230.00 EUR
	07119C/480	Complete Kit / 480 tests	390.00 EUR
	07119C/960	Complete Kit / 960 tests	605.00 EUR
	07210PC	Method Control	30.00 EUR
	07119NC	Negative Control	30.00 EUR
07138 Xylophilus ampelinus DAS ELISA Xanthomonas ampelina. Bacterial blight of grapevine.	07138S/100	Set / 100 tests	100.00 EUR
	07138S/300	Set / 300 tests	200.00 EUR
	07138S/500	Set / 500 tests	235.00 EUR
	07138S/1000	Set / 1000 tests	415.00 EUR
	07138C/096	Complete Kit / 96 tests	236.00 EUR
	07138C/480	Complete Kit / 480 tests	415.00 EUR
	07138C/960	Complete Kit / 960 tests	660.00 EUR
	07138PC	Positive Control	39.00 EUR
	07138NC	Negative Control	30.00 EUR

**07158 Botrytis cinerea grapevine isolate (Cocktail ELISA)****Cocktail ELISA**

Grey Mold. Grauschimmel. Polyphagous plant pathogen.

07158S/100	Set / 100 tests	100.00 EUR
07158S/300	Set / 300 tests	200.00 EUR
07158S/500	Set / 500 tests	235.00 EUR
07158S/1000	Set / 1000 tests	415.00 EUR
07158C/096	Complete Kit / 96 tests	236.00 EUR
07158C/480	Complete Kit / 480 tests	415.00 EUR
07158C/960	Complete Kit / 960 tests	660.00 EUR
07158PC	Positive Control	39.00 EUR
07158NC	Negative Control	30.00 EUR

07079 Phytophthora spp.**DAS ELISA**

The antiserum detects many Phytophthora spp. including Phyt. ramorum

07079S/100	Set / 100 tests	95.00 EUR
07079S/300	Set / 300 tests	185.00 EUR
07079S/500	Set / 500 tests	223.00 EUR
07079S/1000	Set / 1000 tests	385.00 EUR
07079C/096	Complete Kit / 96 tests	230.00 EUR
07079C/480	Complete Kit / 480 tests	390.00 EUR
07079C/960	Complete Kit / 960 tests	605.00 EUR
07079PC	Positive Control	39.00 EUR
07079NC	Negative Control	30.00 EUR

07148 Pythium spp.**DAS ELISA**

The antiserum detects many Pythium species

07148S/100	Set / 100 tests	100.00 EUR
07148S/300	Set / 300 tests	200.00 EUR
07148S/500	Set / 500 tests	235.00 EUR
07148S/1000	Set / 1000 tests	415.00 EUR
07148C/096	Complete Kit / 96 tests	236.00 EUR
07148C/480	Complete Kit / 480 tests	415.00 EUR
07148C/960	Complete Kit / 960 tests	660.00 EUR
07148PC	Positive Control	39.00 EUR
07148NC	Negative Control	30.00 EUR

07157 Rhizoctonia solani derived against AG 1-IB**DAS ELISA**

The antiserum detects other anastomose groups as well.

07157S/100	Set / 100 tests	100.00 EUR
07157S/300	Set / 300 tests	200.00 EUR
07157S/500	Set / 500 tests	235.00 EUR
07157S/1000	Set / 1000 tests	415.00 EUR
07157C/096	Complete Kit / 96 tests	236.00 EUR
07157C/480	Complete Kit / 480 tests	415.00 EUR
07157C/960	Complete Kit / 960 tests	660.00 EUR
07157PC	Positive Control	39.00 EUR
07157NC	Negative Control	30.00 EUR

Immunofluorescence (IF)



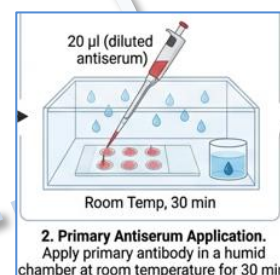
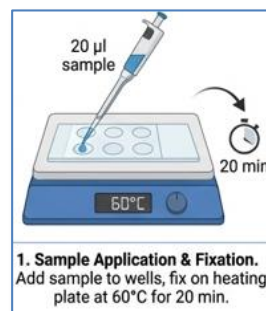
Immuno Fluorescence (IF) is an established method for testing especially plant bacteria, utilizing specific antibodies and a fluorescence labelled secondary antibodies for visualisation of positive samples under the fluorescence microscope. The technique is based on an antigen-antibody reaction, where the detecting antibodies are tagged (labelled) with a fluorescent dye and the antigen-antibody complex is visualized using an **ultraviolet (fluorescent) microscope**. It allows the visualization of the distribution of the target molecule in the sample.

Antisera and Kits

We are offering a wide range of polyclonal antisera against plant bacteria derived either from goat and rabbit for the detection of bacteria or fungi. Please refer to the product page for packaging and test sizes.

For some IF-antisera we offer **IF-kits**, which contain:

- pathogen-specific antiserum
- fluorescence labelled secondary antibody
- (FITC, green)
- positive control

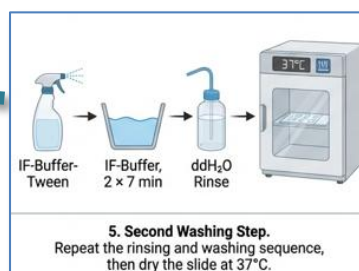
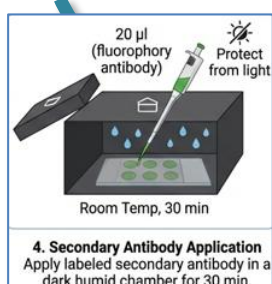
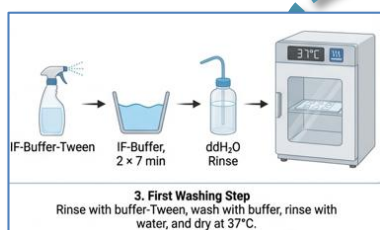


Secondary Antibodies

Secondary antibodies are directed against goat or rabbit, and labelled with the following fluorescence dyes. Please make sure to choose the correct secondary AB for detection.

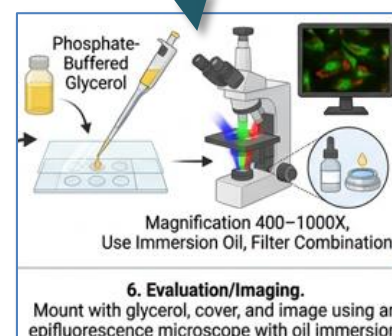
FITC: Excitation 520nm, Emission: 492 nm

Cy3: Excitation 550nm, Emission: 570 nm



IF-Supplements

- Multiwell Slides are available as 100 piece units
- Cover Slides are available as 1000 piece units





07354 <i>Acidovorax avenae</i> subsp. <i>citrulli</i> antiserum from rabbit	07354/01	ca. 1000 tests	0.1 ml	130.00 EUR
	07354PC	Positive Control	1 vial	39.00 EUR
				370.00 EUR
07363 <i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i> antiserum from goat Recommended in EPPO Diagnostic Standard PM 7/42 (3)	07363/01	ca. 50 000 tests	0.1 ml	145.00 EUR
	07363PC	Positive Control	1 vial	39.00 EUR
				395.00 EUR
07364 <i>Clavibacter michiganensis</i> subsp. <i>sepedonicus</i> antiserum from goat	07364/01	ca. 50 000 tests	0.1 ml	145.00 EUR
	07310PC	Method Control	1 vial	39.00 EUR
	07464/10000	IF-Kit	10 000 tests	395.00 EUR
07398 <i>Curtobacterium flaccumfaciens</i> pv. <i>flaccumfaciens</i> antiserum from rabbit	07398/01	ca. 5 000 tests	0.1 ml	130.00 EUR
	07398PC	Positive Control	1 vial	39.00 EUR
	07463/10000	IF-Kit	10 000 tests	370.00 EUR
07329 <i>Pantoea stewartii</i> subsp. <i>stewartii</i> antiserum from rabbit Recommended EPPO Diagnostic Standard PM 7/60 (2)	07329/01	ca. 5 000 tests	0.1 ml	130.00 EUR
	07329PC	Positive Control	1 vial	39.00 EUR
	07429/10000	IF-Kit	10 000 tests	370.00 EUR
07356 <i>Ralstonia solanacearum</i> antiserum from goat	07356/01	ca. 50 000 tests	0.1 ml	145.00 EUR
	07310PC	Method Control	1 vial	39.00 EUR
	07459/10000	IF-Kit	10 000 tests	395.00 EUR
07331 <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> antiserum from rabbit	07331/01	ca. 2 000 tests	0.1 ml	130.00 EUR
	07331PC	Positive Control	1 vial	39.00 EUR
07302 <i>Xanthomonas citri</i> subsp. <i>citri</i> antiserum from rabbit	07302/01	ca. 1 000 tests	0.1 ml	130.00 EUR
	07310PC	Method Control	1 vial	39.00 EUR
				370.00 EUR
07377 <i>Xanthomonas hortorum</i> pv. <i>pelargonii</i> antiserum from rabbit	07377/01	ca. 5 000 tests	0.1 ml	130.00 EUR
	07377PC	Positive Control	1 vial	39.00 EUR
07330 <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> antiserum from rabbit	07330/01	ca. 5 000 tests	0.1 ml	130.00 EUR
	07310PC	Method Control	1 vial	39.00 EUR
				370.00 EUR
07319 <i>Xylella fastidiosa</i> antiserum from rabbit	07319/01	ca. 5 000 tests	0.1 ml	130.00 EUR
	07319PC	Positive Control	1 vial	39.00 EUR
	07419/10000	IF-Kit	10 000 tests	370.00 EUR

**07338 Xylophilus ampelinus**

antiserum from rabbit

07338/01	ca. 1 000 tests	0.1 ml	130.00 EUR
07338PC	Positive Control	1 vial	39.00 EUR
07438/10000	IF-Kit	10 000 tests	370.00 EUR

IF - Secondary Antibodies**07204 Goat-anti-rabbit IgG(H+L)Cy3™ ca. 10 000 IF tests (20 µl/well)**

07204	ca. 10 000 tests	1.5 mg	280.00 EUR
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07201 Goat-anti-rabbit IgG(H+L)FITC ca. 10 000 IF tests (20 µl/well)

07201	ca. 10 000 tests	2.0 mg	280.00 EUR
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07202 Rabbit-anti-goat(H+L)Cy3™ ca. 10 000 IF tests (20 µl/well)

Stable red fluorescence. Excitation 550 nm, Emission 570 nm. (for use with 07356, 07363, 07364 and 07381)

07202	ca. 10 000 tests	1.5 mg	280.00 EUR
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07200 Rabbit-anti-goat(H+L)FITC ca. 10 000 IF tests (20 µl/well)

Green fluorescence. Excitation 520 nm, Emission 492 nm, (for use with 07356, 07363, 07364, and 07381)

07200	ca. 10 000 tests	1.5 mg	280.00 EUR
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IF - Supplements**07400/100 Multiwell Slides IFT 10x6 blue**

2 x 50 slides

160.00 EUR

07401/1000 Cover Slides 24x60 mm

1000 slides

110.00 EUR

00103/100 Albumin for ELISA Special quality tested for use in ELISA.	100 g	150.00 EUR
00104/001 Blocking Milk powder Defatted milk powder for blocking in special ELISA techniques.	1 kg	70.00 EUR
07600/001 Coating Buffer powder Standard formulation for ELISA according to Clark and Adams (1977).	1 liter	18.00 EUR
07601/001 Conjugate/Sample Buffer powder Standard formulation for ELISA according to Clark and Adams (1977).	1 liter	33.00 EUR
07615/001 Conjugate/Sample Buffer LOEWE II powder Special blocking formulation for selected ELISA tests. No preservative added.	1 liter	33.00 EUR
00130/005 4-Nitrophenylphosphate Na2-salt hexahydrate powder Chromogenic substrate for determination of Alkaline Phosphatase activity.	5 g	35.00 EUR
00130/025 4-Nitrophenylphosphate Na2-salt hexahydrate powder Chromogenic substrate for determination of Alkaline Phosphatase activity.	25 g	85.00 EUR
00134/001 Polyvinylpyrrolidone K25	1 kg	190.00 EUR
07617/010 Substrate Tablets à 20 mg 4-Nitrophenylphosphate Na2-salt hexahydrate	10 tablets	75.00 EUR
07618/010 Substrate Tablets à 5 mg 4-Nitrophenylphosphate Na2-salt hexahydrate	10 tablets	50.00 EUR
07602/025 Substrate Buffer 5X liquid Standard formulation for ELISA according to Clark and Adams (1977).	25 ml	12.00 EUR
07602/100 Substrate Buffer 5X liquid Standard formulation for ELISA according to Clark and Adams (1977).	100 ml	29.00 EUR
00131/100 Tween 20 ® ELISA grade Ingredient in standard ELISA buffer formulations according to Clark and Adams.	100 ml	20.00 EUR
07603/005 Wash Buffer Powder Standard formulation for ELISA according to Clark and Adams (1977).	5 liter	25.00 EUR
07800/05 ELISA-Plates Nunc MaxiSorp™	5 pieces	35.00 EUR
07800/10 ELISA-Plates Nunc MaxiSorp™	10 pieces	55.00 EUR
07800/60 ELISA-Plates Nunc MaxiSorp™	60 pieces	240.00 EUR
07802/010 Sealing Tapes suitable for 96-well ELISA plates multiple use	10 tapes	15.00 EUR
07802/100 Sealing Tapes suitable for 96-well ELISA plates multiple use	100 tapes	59.00 EUR
LF07810/05 Micro-pestle for leaf tissue homogenization	5 pieces	25.00 EUR
LF07810/20 Micro-pestle for leaf tissue homogenization	20 pieces	60.00 EUR
LF07810/50 Micro-pestle for leaf tissue homogenization	50 pieces	125.00 EUR
LF700BU/001 Sample Buffer for preparation of mixed samples (powder)	1 liter	20.00 EUR



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