

# AgriStrip

The rapid one-step assay

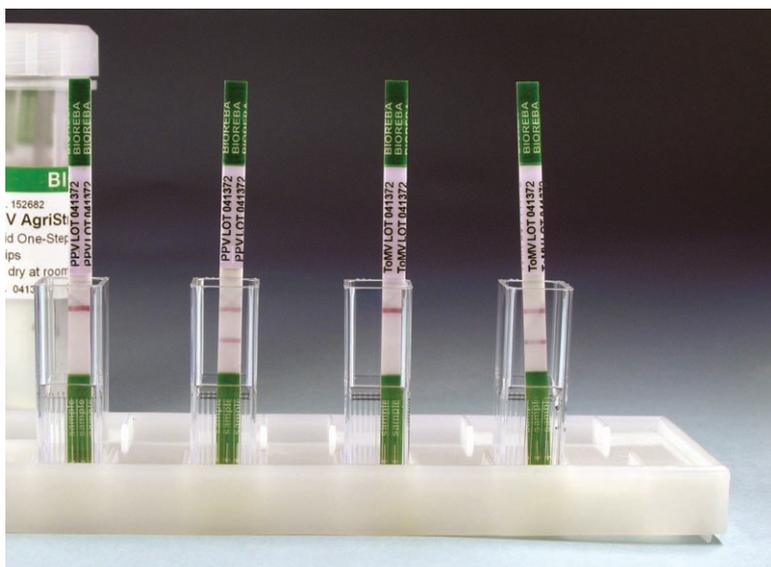
BIOREBA

Fast

Reliable

Easy

Cost effective



Unique in  
plant pathogen  
diagnostics

Reliable

Easy

Cost effective

AgriStrip-magnetic

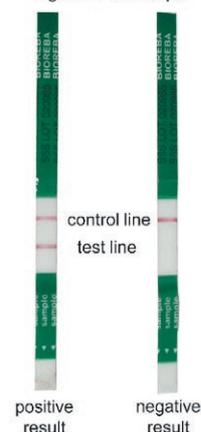


# AgriStrip

The rapid one-step assay **AgriStrip**, developed and manufactured by BIOREBA, is based on lateral flow immunochromatography and is very fast. The test has been developed to confirm the presence of a plant pathogen in samples with suspicious symptoms. Such a sample is homogenized and a few drops of the homogenate are transferred to a cuvette. The strip is dipped into the extract and the result can be read within a few minutes. A positive result is seen as a colored band at the test line, whereas the colored band at the control line should always appear. Test strips can be kept as permanent records.

The performance of the test is very easy and there is no need for special laboratory equipment. Therefore, the **AgriStrip** is especially suitable when testing is required on-site, such as in greenhouses or fields.

Figure 1: Test strips



## Content of the Complete kit

- Strips packed with desiccant bags 25
- AgriStrip Extraction buffer, ready-to-use 100 ml
- Disposable pipettes 25
- Extraction bags 25
- Disposable cuvettes 25
- Cuvette rack 1
- Note: The homogenizer hand model (Art. No. 400010) is optional and not included in the complete kit AgriStrip.



## AgriStrip

Available in different formats:

Product	Assays
<b>AgriStrip</b> Complete kit	25
<b>AgriStrip</b> Single strips*	25
<b>AgriStrip</b> Single strips*	100

\*including ready-to-use extraction buffer

Optional products	Art. No.	Size
Cuvette rack, holds 12 cuvettes	2166	1
Cuvettes, disposable	2534	100
Pipettes, disposable	2292	500
Extraction bags «Universal»	430100a	100
Homogenizer hand model	400010	1

# AgriStrip-magnetic

The innovative rapid assay **AgriStrip-magnetic**, developed and produced by BIOREBA, is a lateral-flow immunochromatographic test based on an antigen-antibody reaction combined with Magnetic Bead Technology enabling the preceding enrichment of the antigen.

Unique in plant pathogen diagnostics!

AgriStrip-magnetic

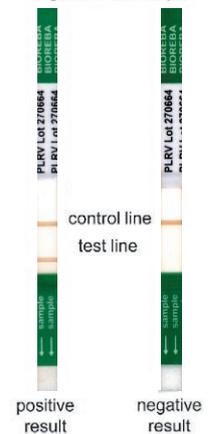


A plant extract is first incubated with magnetic beads coated with pathogen-specific antibodies. These beads are then separated from the extract with a magnet and resuspended in a small volume of running buffer. Finally, a strip is inserted and the concentrated beads migrate upwards through the strip and brown colored lines will become visible.

Both test and control lines become visible with positive extracts (containing the pathogen), whereas negative samples produce only the upper control line. Intense coloration is reached within 10-20 min and the results can be registered.

The performance of the test is very easy and there is no need for special laboratory equipment. The **AgriStrip-magnetic** is especially suitable when testing is required on-site, such as in greenhouses or fields.

Figure 1: Test strips



## Content of the Complete kit AgriStrip-magnetic

- Strips packed with desiccant bags 25
- Tubes containing magnetic beads coupled to pathogen-specific antibody 25
- AgriStrip Extraction buffer 100 ml
- Running buffer 5 ml
- Disposable pipettes 25
- Extraction bags 25
- Note: The magnetic rack (Art. No 2367) and the homogenizer hand model (Art. No. 400010) are optional and not included in the complete kit AgriStrip-magnetic.



### Product

### Assays

**AgriStrip-magnetic** Complete kit 25

Optional products	Art. No.	Size
Magnetic rack	2367	1
Homogenizer hand model	400010	1

## Ordering information

Pathogen	Abbr.	Art.No.	Assays
<b>Potatoes</b>			
Potato leaf roll virus (AgriStrip-magnetic) <b>Unique</b>	PLRV	110681	25
Potato virus A	PVA	112181	25
Potato virus M	PVM	112281	25
Potato virus S	PVS	110381	25
Potato virus X	PVX	110481	25
Potato virus Y	PVY	112981	25
<i>Ralstonia solanacearum</i>	Rs	170581	25
<i>Spongospora subterranea</i> f. sp. <i>subterranea</i>			
Powdery scab of potato	Sss	111181	25
Tomato spotted wilt virus	TSWV	190181	25
<b>Grapevines</b>			
Grapevine leafroll-assoc. virus 3 (AgriStrip-magnetic) <b>Unique</b>	GLRaV-3	122381	25
<b>Fruit Trees and Small Fruits</b>			
<i>Erwinia amylovora</i> (Fireblight)	Ea	153081	25
Plum pox virus (Sharka)	PPV	150581	25
<i>Xanthomonas fragariae</i>	Xfr	150381	25
<b>Vegetables</b>			
<i>Acidovorax avenae</i> subsp. <i>citrulli</i> (Watermelon bacterial fruit blotch)	Aac	161981	25
Lettuce mosaic virus	LMV	160581	25
Pepino mosaic virus	PepMV	161581	25
Pepper mild mottle virus	PMMoV	161781	25
Potato virus X	PVX	110481	25
Potato virus Y	PVY	112981	25
Tobacco mosaic virus	TMV	190481	25
Tomato mosaic virus	ToMV	152681	25
Tomato spotted wilt virus	TSWV	190181	25
<b>Field crops</b>			
Potato virus X	PVX	110481	25
Potato virus Y	PVY	112981	25
Tobacco mosaic virus	TMV	190481	25
Tomato spotted wilt virus	TSWV	190181	25
<b>Ornamentals</b>			
Calibrachoa mottle virus	CbMV	170781	25
Impatiens necrotic spot virus	INSV	190281	25
Potato virus A	PVA	112181	25
Potato virus X	PVX	110481	25
Potato virus Y	PVY	112981	25
<i>Ralstonia solanacearum</i>	Rs	170581	25
Tobacco mosaic virus	TMV	190481	25
Tomato mosaic virus	ToMV	152681	25
Tomato spotted wilt virus	TSWV	190181	25
<i>Xanthomonas campestris</i> pv. <i>pelargonii</i>	Xcp	170181	25

Please refer to [www.bioreba.com](http://www.bioreba.com) for all ordering options and an up-to-date list of tests which are available in the AgriStrip or in the AgriStrip-magnetic format.