



## GPGV | DAS-ELISA

DAS-ELISA test for detection of Grapevine pinot gris virus (GPGV) is now available.

GPGV virus has been confirmed in at least 28 wine and table grape varieties in different countries around the world.

Infected grapevines can show symptoms or be asymptomatic. Symptoms associated with GPGV infection include delayed budburst, leaf distortion, mottling, shortened shoot internodes, increased berry acidity and poor yield. Especially in combination with other viruses, GPGV infection has been associated with economic losses. GPGV-associated symptoms may be confused with early season bud mite damage, herbicide damage or cold injury.

### Features

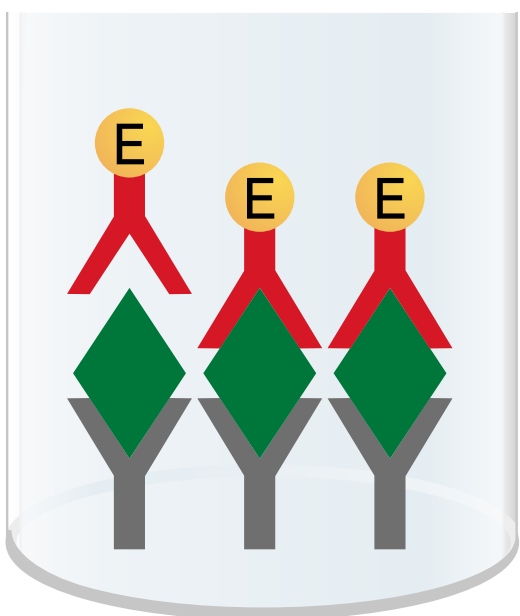
- GPGV antibodies were developed against a recombinant coat protein
- GPGV DAS-ELISA was validated in collaboration with WBI Freiburg and Agroscope
- The reagents allow the detection of all strains tested so far

### Sampling

- Dormant wood (phloem scrapings: excellent source)
- Veins from mature leaves (autumn)
- Young leaves: to be determined

### Benefits of DAS-ELISA testing

- Easy to use
- Reliable
- Efficient
- Validated



*Our GPGV DAS-ELISA test was developed in collaboration with the group of Dr. Christophe Ritzenthaler at IBMP CNRS, Strasbourg.*

# Ordering Information GPGV ELISA Reagents, Sets and Kits

## Individual ELISA Reagents

IgG and conjugate are available for 100, 500 and for 1000 assays.

Component	Assays		
	100	500	1000
IgG	Art: 120719 0.025 ml	Art: 120715 0.1 ml	Art: 120712 0.2 ml
Conjugate	Art: 120729 0.025 ml	Art: 120725 0.1 ml	Art: 120722 0.2 ml

## ELISA Reagent sets

contain IgG and conjugate, controls and microtiter plates.

Content Component	Assays	
	480	960
	Art: 120765	Art: 120762
IgG	0.1 ml	0.2 ml
Conjugate	0.1 ml	0.2 ml
Positive control	2.5 ml	2.5 ml
Negative control	2.5 ml	2.5 ml
Microtiter plates	5	10

## ELISA Complete kits

contain all reagents, controls, microtiter plates, buffers and substrate necessary to perform the tests.

Content Component	Assays		
	96	480	960
	Art: 120778	Art: 120776	Art: 120773
IgG	0.025 ml	0.1 ml	0.2 ml
Conjugate	0.025 ml	0.1 ml	0.2 ml
Positive control	2.5 ml	2.5 ml	2.5 ml
Negative control	2.5 ml	2.5 ml	2.5 ml
Extraction buffer (5x)	2 x 50 ml	500 ml	2 x 500 ml
Coating buffer	1 tablet (0.1 l)	1 tablet (0.1 l)	2 tablets (0.2 l)
Conjugate buffer (10x)	2 ml	10 ml	20 ml
Substrate buffer (5x)	4 ml	20 ml	2 x 20 ml
Washing buffer	1 tablet (1 l)	1 pouch (5 l)	2 pouches (10 l)
Substrate (pNPP)	4 tablets (0.02 l)	5 tablets (0.1 l)	10 tablets (0.2 l)
Microtiter plates	1	5	10

**GET ONE  
GPGV  
COMPLETE KIT 96  
FOR FREE:**

Send an email to  
[admin@bioreba.ch](mailto:admin@bioreba.ch)

Subject  
GPGV-free kit