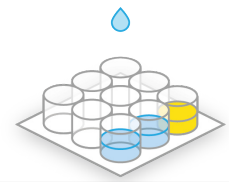


Validation Report: ELISA

SRA 87700 • Peach rosette mosaic virus (PRMV)



Test Characteristics

Test Name	Peach rosette mosaic virus	Capture Antibody	Polyclonal (Rabbit)
Catalog Number	87700	Detection Antibody	Polyclonal (Rabbit)
Acronym	PRMV	Format	DAS-ELISA
Genus	Nepovirus	Diluents	GEB/ECI
		Sample Dilution	1:10

Summary

This ELISA test is a qualitative serological assay for the detection of Peach rosette mosaic virus (PRMV) in grape, peach, and rose leaves. PRMV is a member of the Nepovirus genus known for their transmission by nematodes.

Diagnostic Sensitivity

True Positives	28
Correct Diagnoses	28
Percent	100%

Analytical Sensitivity

Limit of Detection: 1:360 dilution of infected tissue (pathogen titer unknown)

Analytical Specificity

Inclusivity:

This assay was designed to detect all strains and isolates of PRMV. Twenty-eight distinct samples of PRMV have been experimentally proven to be detected, including ATCC® PV-398™.

Exclusivity:

Cross-reacts With:

None known	
------------	--

Does Not Cross-react With:

None known	
------------	--

Diagnostic Specificity

True Negatives	20
Correct Diagnoses	20
Percent	100%

Selectivity:

No Matrix Effect Observed With:

Grape leaves	Peach leaves	Rose leaves	
--------------	--------------	-------------	--



Agdia, Inc.
52642 County Road 1
Elkhart, IN 46514
574-264-2014 / 800-622-4342
www.agdia.com / info@agdia.com