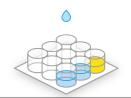
# **Validation Report: ELISA**

SRA 32000 • American plum line pattern virus (APLPV)



#### **Test Characteristics**

Test Name American plum line pattern virus Capture Antibody Polyclonal (Rabbit)

Catalog Number 32000 Detection Antibody Polyclonal (Rabbit)

Acronym APLPV Format Compound-ELISA

Genus Ilarvirus Diluents GEB/APLPV EC Buffer

Sample Dilution 1:10

## Summary

This ELISA test is a qualitative serological assay for the detection of American plum line pattern virus (APLPV) in peach leaves. APLPV is a member of the llarvirus genus known for their non-enveloped, quasi-spherical-shaped virus particles.

### **Diagnostic Sensitivity**

## **Analytical Sensitivity**

True Positives 33 Limit of Detection: 1:12,150 dilution of infected tissue (pathogen titer unknown)

Correct Diagnoses 33

Percent 100%

## **Analytical Specificity**

#### Inclusivity:

This assay was designed to detect all strains and isolates of APLPV. Thirty-three distinct samples of APLPV have been experimentally proven to be detected.

## **Exclusivity:**

#### Cross-reacts With:

None known

## Does Not Cross-react With:

None known

## **Diagnostic Specificity**

True Negatives 23
Correct Diagnoses 23
Percent 100%

Selectivity:

No Matrix Effect Observed With:			
Peach leaves			



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