

Validation Report: ELISA

SRP 19000 • Blueberry shoestring virus (BSSV)



Test Characteristics

Test Name	Blueberry shoestring virus	Capture Antibody	Polyclonal (Rabbit)
Catalog Number	19000	Detection Antibody	Polyclonal (Rabbit)
Acronym	BSSV	Format	DAS-ELISA
Genus	Sobemovirus	Diluents	GEB/MRS
		Sample Dilution	1:10

Summary

This ELISA test is a qualitative serological assay for the detection of Blueberry shoestring virus (BSSV) in blueberry leaves. BSSV is a member of the Sobemovirus genus known for their non-enveloped virus particles.

Diagnostic Sensitivity

True Positives	20
Correct Diagnoses	20
Percent	100%

Analytical Sensitivity

Limit of Detection: 1:450 dilution of infected tissue (pathogen titer unknown)

Analytical Specificity

Inclusivity:

This assay was designed to detect all strains and isolates of BSSV. Twenty distinct samples of BSSV have been experimentally proven to be detected.

Exclusivity:

Cross-reacts With:

None known	
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Does Not Cross-react With:

None known	
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Diagnostic Specificity

True Negatives	14
Correct Diagnoses	14
Percent	100%

Selectivity:

No Matrix Effect Observed With:

Blueberry leaves			
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