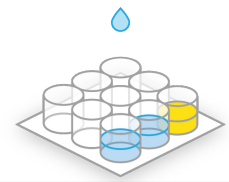


Validation Report: ELISA

SRA 16600 • *Hosta virus X* (HVX)



Test Characteristics

Test Name	Hosta virus X	Capture Antibody	Polyclonal (Rabbit)
Catalog Number	16600	Detection Antibody	Polyclonal (Rabbit)
Acronym	HVX	Format	DAS-ELISA
Genus	Potexvirus	Diluents	GEB/ECI
		Sample Dilution	1:10

Summary

This ELISA test is a qualitative serological assay for the detection of Hosta virus X (HVX) in hosta leaves and roots. HVX is a member of the Potexvirus genus known for their non-enveloped, flexuous, filamentous-shaped virus particles.

Diagnostic Sensitivity

True Positives	19
Correct Diagnoses	19
Percent	100%

Analytical Sensitivity

Limit of Detection: 1:194,400 dilution of infected tissue (pathogen titer unknown)

Analytical Specificity

Inclusivity:

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

Exclusivity:

Cross-reacts With:

None known	
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Does Not Cross-reacts With:

None known	
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Diagnostic Specificity

True Negatives	17
Correct Diagnoses	17
Percent	100%

Selectivity:

No Matrix Effect Observed With:

Hosta leaves			
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