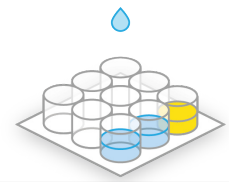


# Validation Report: ELISA

SRA 62000 • *Kalanchoe latent virus (KLV)*



## Test Characteristics

<b>Test Name</b>	Kalanchoe latent virus	<b>Capture Antibody</b>	Polyclonal (rabbit)
<b>Catalog Number</b>	62000	<b>Detection Antibody</b>	Polyclonal (rabbit)
<b>Acronym</b>	KLV	<b>Format</b>	DAS-ELISA
<b>Genus</b>	Carlavirus	<b>Diluents</b>	GEB/ECI
		<b>Sample Dilution</b>	1:10

## Summary

This ELISA test is a qualitative serological assay for the detection of *Kalanchoe latent virus (KLV)* in kalanchoes. KLV is a member of the Carlavirus genus known for their flexuous rod-shaped virus particles.

## Diagnostic Sensitivity

<b>True Positives</b>	15
<b>Correct Diagnoses</b>	15
<b>Percent</b>	100%

## Analytical Sensitivity

**Limit of Detection:** 1:405 dilution of infected tissue (pathogen titer unknown)

## Analytical Specificity

### Inclusivity:

This assay was designed to detect all strains and isolates of KLV. Fifteen distinct samples of KLV have been experimentally proven to be detected including samples of KaV-1 and KaV-2.

### Exclusivity:

**Cross-reacts With:**

None known	
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## Diagnostic Specificity

<b>True Negatives</b>	13
<b>Correct Diagnoses</b>	13
<b>Percent</b>	100%

### Selectivity:

**No Matrix Effect Observed With:**

Kalanchoe leaves			
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