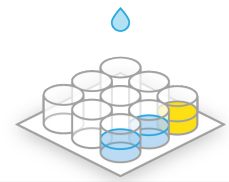


# Validation Report: ELISA

SRA 24600 • *Banana bract mosaic virus* (BBrMV)



## Test Characteristics

Test Name	Banana bract mosaic virus	Capture Antibody	Polyclonal (Rabbit)
Catalog Number	24600	Detection Antibody	Polyclonal (Rabbit)
Acronym	BBrMV	Format	DAS-ELISA
Genus	Potyvirus	Diluents	GEB2/RUB6
		Sample Dilution	1:20

## Summary

This ELISA test is a qualitative serological assay for the detection of Banana bract mosaic virus (BBrMV) in banana leaves and midribs. BBrMV is a member of the Potyvirus genus known for their non-enveloped, flexuous, filamentous virus particles.

## Diagnostic Sensitivity

True Positives 8  
Correct Diagnoses 8  
Percent 100%

## Analytical Sensitivity

Limit of Detection: 1:8,100 dilution of infected tissue (pathogen titer unknown)

## Analytical Specificity

### Inclusivity:

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

### Exclusivity:

#### Cross-reacts With:

None known

#### Does Not Cross-react With:

None known

## Diagnostic Specificity

True Negatives 25  
Correct Diagnoses 25  
Percent 100%

### Selectivity:

#### No Matrix Effect Observed With:

Banana leaves

Banana midribs



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