

Tech Note: Alternate Seed Protocol

SRA/PSA 45702 • *Cucumber green mottle mosaic virus* (CGMMV) ELISA

Technical Note

The Agdia CGMMV ELISA test system is intended for the detection of *Cucumber green mottle mosaic virus* in cucurbit seed, seedling and leaf. The test is specific, sensitive and robust. All samples can be ground in the same extraction buffer at a sample to buffer ratio of 1:10 (tissue weight in g: buffer volume in mL). No cross-reactivity with other Tobamoviruses or other cucurbit viruses have been found. The test consistently was able to detect CGMMV infected seed lots using 100 seed subsamples.

The robustness of the assay offers the user greater flexibility in performing the test. Optimal results are achieved when following the Agdia protocol; however, excellent results are also achieved using other protocols. The Agdia CGMMV ELISA is completely compatible with the International Seed Testing Association (ISTA) reference method.

For answers to your technical questions, please contact us at techsupport@agdia.com.



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