Technical Note

The Agdia LMV ELISA test system is intended for the detection of *Lettuce mosaic virus* in lettuce 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 potyviruses or other lettuce viruses has been found. The test consistently was able to detect LMV infected seed lots using 500 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 LMV ELISA is completely compatible with the International Seed Federation (ISF) reference method. Please note that when using the ISF protocol, more antibodies will be used as compared to the Agdia protocol.

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