



Leading the way to healthy crops.

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USER GUIDE: Agdia Lyophilized Controls

Intended Use

Agdia lyophilized controls, positives and negatives, are intended to validate ELISA assay performance and help users establish assay performance parameters. Agdia's control lots are bulk manufactured and Quality Control tested to ensure reliable performance.

Storage and Warranty

Store unopened controls refrigerated (2 - 8 °C), or alternatively, they can be frozen at -10 to -30 °C. Agdia warrants unopened controls for one year from the date of purchase.

Limitations

Agdia's lyophilized positive controls are derived from naturally infected or mechanically inoculated hosts, or synthetic materials, and are optimized for our ELISA assays. In some cases, positive controls may contain more than one pathogen. Additionally, titer levels may slightly vary from batch to batch. Lyophilized bacteria or synthetic materials in positive controls may not be readily visible to the naked eye.

Agdia Control Vials Include

- Plant tissue or bacterial culture extracted in a proprietary buffer

What's required to hydrate control vials?

- Pipette and pipette tips, 2 mL
- Extraction buffer, directed by ELISA assay
- Vortex mixer, or vigorous shaking
- Timer

Preparing the Control

- 1 New, unopened controls should be hydrated with 2 mL of extraction buffer as directed by the corresponding assay's user guide.
- 2 Recap hydrated control and vortex for 10 - 15 seconds or vigorously shake for 45 - 60 seconds.
- 3 Inspect control for any residual powder on the cap that may not have been hydrated and remix as necessary.
- 4 Allow the control to completely hydrate for 5 minutes before use.

Storage of Remaining Control

Agdia recommends the use of freshly opened and hydrated controls, however, many users choose to aliquot and store remaining control for future use. *Please note that use of aliquoted controls comes with increased stability risk factors and should be only done if the user assumes full liability.

Technical Assistance

If you have any questions or comments regarding any part of your kit or test results, please contact our Technical Support group at:
Email: techsupport@agdia.com or Phone: 800-622-4342 or 574-264-2014