

User Guide: Positive and Negative Controls

MPC 04400 • Method Control

Test Principle, Intended Use and Limitations

The method positive control is made of anti-animal antibodies and does not contain any target antigen particles. A method control is provided when positive material is temporarily unavailable or shipment of antigen based controls to specific regions is regulated.

This method control is intended for ELISA tests with the objective of indiscriminately producing a color reaction similar to an antigen based positive control. The same method control lot used among a panel of assays may produce a varying degree of OD responses.

Agdia ensures that all assays, reagent sets and PathoScreen® Kits are internally quality controlled with representative target antigen(s).

Handling Information

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

Safety

Agdia recommends reading all relevant SDS sheets before using assay components: <http://docs.agdia.com/datasheets.aspx>.



Method Control Preparation

1. Add 2 mL of extraction buffer to a new control bottle and recap.
2. 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 sit for at least 5 minutes before use.
5. Use of frozen or aliquoted controls comes with increased stability risks.

Remaining Control Storage

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 the use of aliquoted controls comes with increased stability risk factors and should be only done if the user assumes full liability.



Storing a method positive control, LPC

1. Separate remaining control into 120 µL aliquots (220 µL for duplicate testwells)
2. Store frozen at -10 to -30 °C
3. Do not refreeze aliquoted controls.

Method Control Alternatives

1. Recently Agdia has been pursuing an initiative to manufacture and supply synthetic positive controls for ELISA products that have been historically using Agdia's method control.
2. The synthetic positive controls are synthetically produced material that is specifically detected by the antibodies used in the respective ELISAs, differing from the method control where the control detects the antibody.
3. By using a synthetic or tissue control, where available, you gain confidence in the ELISA and can access an expected O.D. value for that control when used with the specific ELISA.
4. Scan the QR code to the right to check Agdia's webpage for a specific synthetic or tissue control for your specific ELISA.

Scan to visit
Agdia's control
webpage



Warranty

Agdia reagents are warranted for performance issues that arise from manufacturer defect. See product packaging for relevant expiration dates. Agdia's return policy can be found at www.agdia.com/customer-support/return-policy.

Additional Information

If you would like more information on how to run ELISA, please see Agdia's FAQ section, <http://www.agdia.com/customer-support/frequent-questions-and-troubleshooting>. For further documentation, including this user guide, buffer formulations, and a logsheet, please see Agdia's specific product webpages. For answers to your technical questions, please contact us at techsupport@agdia.com.

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