

User Guide: Positive Control Strip

SPC 31505 • Plum pox virus (PPV) • GEB4 • US patent number: 6,927,062

Test Principle, Intended Use and Limitations

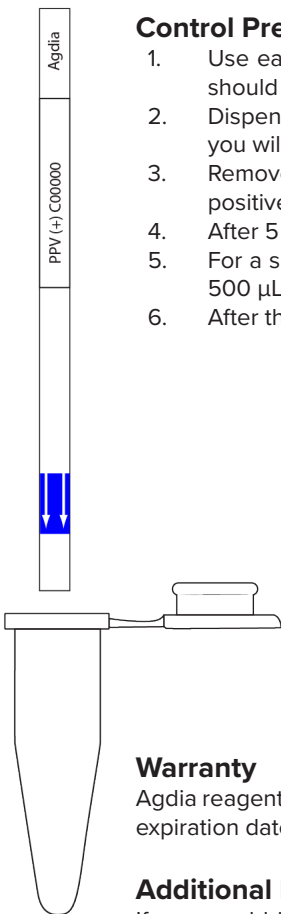
The positive control strip provides a safe and convenient way to store, handle, and prepare a positive control by using a reagent pad attached to a plastic handle. The dry reagent pad contains coat protein control material which is derived from non-infectious bacterial cells. The plastic handle provides a convenient means to handle the control without touching the reagent pad. The coat protein positive control is released from the pad when placed in buffer resulting in a non-infectious solution which does not contain any viral nucleic acid. This positive control solution is then added to a dedicated well during the sample stage for use as a control.

Handling Information

Positive control strips should be stored refrigerated (2 - 8 °C) between uses and be tightly sealed in the desiccated container at all times. Before use, allow the positive control strips to warm to room temperature (18 - 30 °C). General Extract Buffer 4 (GEB4), ACC 00380, and 1.5 mL microcentrifuge tubes, ACC 00340, or similar tubes will be necessary to complete the positive control strips preparation.

Safety

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



Control Preparation

1. Use each positive control strip only once. One positive control strip will yield 500 µL of positive control solution that should be used that day and then discarded.
2. Dispense 500 µL of General Extract Buffer 4 (GEB4) into a 1.5 mL microcentrifuge tube for each positive control strip you will be using.
3. Remove a positive control strip by the handle end marked “Agdia” and reseal the container. Insert the pad end of the positive control strip into the GEB4 buffer and let sit for 5 minutes.
4. After 5 minutes, use the positive control strip to stir the solution.
5. For a single run of multiple plates, prepare a bulk control batch by combining multiple strips in a container dispensing 500 µL of GEB4 for each strip used. Mix and incubate according to the instructions above.
6. After the 5 minute incubation, the positive control solution is ready to use.

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.

