



## Intended Use:

Agdia AmplifyRP XPCs are DNA positive controls designed for use with Agdia's AmplifyRP XRT test kit. This positive control includes lyophilized pellets containing non-infectious, synthetic DNA to use as a positive control.

## Kit Storage:

Positive control pellets should be stored refrigerated (2 - 8 °C).

Before use, allow all kit components to warm to room temperature (18 - 30 °C) for 20 to 30 minutes. This item is intended for single use. Once rehydrated and tested, it should be promptly disposed of and the area used for testing thoroughly cleaned.

### Contents of Kit:

- Positive control pellets

### Not Included but Required:

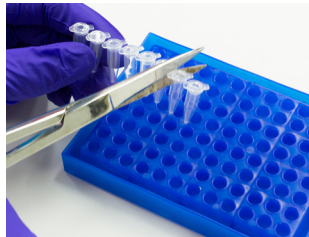
- AmpliFire® Isothermal Fluorometer [AFR 60400](#) (or equivalent)
- AmplifyRP XRT test kit

**CAUTION:** It is highly recommended to work with the positive control in a separate area from other samples to minimize contamination.

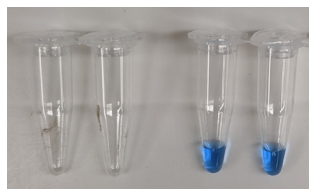
*NOTE: AmplifyRP is a very sensitive molecular assay. Do not re-use disposable kit components. It is recommended that latex gloves be worn when taking samples and performing assay. If wearing latex gloves, change them between samples and test runs. Sanitize work area and non-disposable equipment between runs with bleach solution that has a concentration of at least 600 ppm (1:10 of household bleach solution).*

## Control Preparation

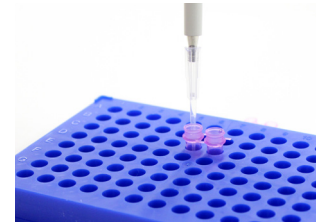
**1.** Remove one positive control tube. Individual tubes may be cut from the strip of tubes using scissors. Be sure to label the cap.



**2.** Rehydrate the positive control tube with 25 µL of extraction buffer. Once rehydrated, the positive control solution will appear blue. Let rest for 5 minutes at room temperature. Lyophilized material in positive controls may not be readily visible to the naked eye.



**3.** Transfer 5 µL of positive control solution into the tube containing PD1 diluent from step 1 of the Pellet Diluent (PD1) Dilution step on page 2 of the user guide and **mix well**.



**Your positive control is now ready to be tested. Proceed to the Test Protocol for Real-Time Detection In AmpliFire® of the XRT test kit user guide.**

## Questions or Technical Support:

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[techsupport@agdia.com](mailto:techsupport@agdia.com) for technical information and troubleshooting

Web: [www.agdia.com](http://www.agdia.com)

AmplifyRP Test Kits employ recombinase polymerase amplification (RPA) technology, developed by TwistDx Limited, U.K. Use of the RPA process and probe technologies are protected by US patents 7,270,981 B2, 7,399,590 B2, 7,435,561 B2, 7,485,428 B2 and foreign equivalents in addition to pending patents.

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