

AmplifyRP® XRT for DMV & DCMV (Dahlia mosaic virus and Dahlia common mosaic virus)



Part Number: XCS 42800/0048

AmplifyRP® XRT for DMV & DCMV is a rapid DNA amplification and detection platform designed for testing dahlia plants for *Dahlia mosaic virus* and *Dahlia common mosaic virus*. This kit includes lyophilized reaction pellets containing the necessary reagents to amplify DMV and/or DCMV DNAs and an endogenous DNA control at a single operating temperature (42 °C).

AmplifyRP® XRT is a real-time isothermal nucleic acid amplification and detection system that rapidly amplifies small portions of DNA or RNA and offers unrivaled detection capabilities in an easy-to-use testing format. It offers

comparable sensitivity and specificity to published PCR methods while eliminating laborious and costly nucleic acid extractions.

The test can be performed virtually anywhere using the [battery operated AmpliFire® fluorometer](#). Assay parameters are loaded via barcode and results are automatically displayed as (+) or (-). **NOTE:** *This assay requires a fluorometer to work properly.*

Prior molecular diagnostic experience is not required to perform AmplifyRP® XRT tests. Total assay time is less than 30 minutes when used with the AmpliFire® as a real-time assay.

Included:

- XRT reaction pellets for DMV & DCMV
- PD1 Pellet diluent
- 1.5 mL microcentrifuge tubes
- GEB-filled mesh extraction bags
- [User Guide](#)

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