

AmplifyRP® XRT for PMTV (Potato mop-top virus)



Part Number: XCS 12501/0048

Test Label: FAM-labeled target probe

Test Format: AmplifyRP® XRT

Internal Control: Yes - Endogenous

AmplifyRP XRT for PMTV is a rapid RNA amplification and detection platform designed for testing potato leaves, stems, tubers, or tissue culture plantlets for *Potato mop-top virus*. This kit includes lyophilized reaction pellets containing the necessary reagents to amplify PMTV RNA and an endogenous

RNA 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 (-).

Prior molecular diagnostic experience is not required to perform AmplifyRP XRT tests.

NOTE: *This assay requires a fluorometer to work properly.*

Includes:

- XRT reaction pellets for PMTV (48)
- Pre-filled 100 µL PD1 Pellet diluent tubes (48)
- GEB-filled mesh extraction bags (50)
- [User Guide](#)

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