

AmplifyRP® XRT for HLVd (Hop latent viroid)



Part Number: XCS 76500/0048

AmplifyRP® XRT for HLVd is a rapid RNA amplification and detection platform designed for field-based or laboratory testing of hops and *Cannabis* spp (including industrial hemp) for *Hop latent viroid*. This kit includes lyophilized reaction pellets containing the necessary reagents to amplify HLVd RNA 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 HLVd
- Pre-filled 100 µL PD1 Pellet diluent tubes
- GEB-filled mesh extraction bags
- **User Guide**

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