

## AmplifyRP® XRT+ for Xf (Xylella fastidiosa)



**Part Number:** XCS 34501/0048

**Format:** AmplifyRP® XRT+

**Test Label:** Biotin labeled primer / FAM probe

*Xylella fastidiosa* (Xf) is the causal agent of disease in multiple crops including Pierce's disease in grape, citrus variegated chlorosis (CVC), almond leaf scorch disease and olive quick decline syndrome. Severe Xf infections can decimate entire crops and cause enormous financial losses to growers.

AmplifyRP XRT+ for Xf is an isothermal DNA amplification and detection system that offers unrivaled detection capabilities in an easy-to-use testing format.

It is highly specific and offers equivalent, or better, sensitivity as published PCR methods while eliminating laborious and costly nucleic acid extractions. Prior molecular diagnostic experience is not required to perform AmplifyRP XRT+ tests. XRT+ is our most flexible AmplifyRP platform and offers the option of either real-time detection (Image 2) or end-point detection (Image 3). Real-time detection is completed using the field deployable (battery operated)

AmpliFire fluorometer. Assay parameters are loaded via barcode and results are automatically displayed as ( + ) or ( - ).

End-point detection can alternatively be completed by performing the amplification step in a small 42°C heat block followed by amplicon detection using an Amplicon detection chamber (sold separately).

### Includes:

- XRT+ reaction pellets for Xf (48)
- PD1 Pellet diluent (55 mL)
- Amp1 extraction buffer (3 x 55 mL)
- Micro centrifuge tubes (50)
- Mesh extraction bags (50)
- [User Guide](#)

### India Contact:

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