

AmplifyRP® XRT for Pram (Phytophthora ramorum)

AmplifyRP® XRT for *Pram* is a rapid DNA amplification and detection platform designed for testing ornamental plants for *Phytophthora ramorum*. This kit includes lyophilized reaction pellets containing the necessary reagents to amplify *Pram* DNA 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.

48 Pellet Size	96-well High-Throughput Format
<p><i>Included:</i></p> <ul style="list-style-type: none"> XRT reaction pellets for <i>Pram</i> Pre-filled 100 µL PD1 Pellet diluent tubes GEB2-filled mesh extraction bags User Guide 	<p><i>Included:</i></p> <ul style="list-style-type: none"> 96-well XRT reaction plate for <i>Pram</i> Pre-filled 100 µL PD1 Pellet diluent tubes General extract buffer 2, GEB2 powder User Guide

Option
AmplifyRP XRT for Pram, 48 reactions (6 strips of 8 pellets) XCS 93400/0048
AmplifyRP XRT for Pram, 96 reactions (1 plate of 96 pellets) XCS 93400/0096

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