

AmplifyRP[®] XRT for ToBRFV (Tomato brown rugose fruit virus)



Part Number: XCS 66800/0048

Host Reaction: See [Validation Report](#) regarding host reactions with the internal control observed with pepper samples. An alternative AmpliFire[®] QR code for pepper tissue is provided in the [User Guide](#) or [here](#).

AmplifyRP[®] XRT for ToBRFV is a rapid RNA amplification and detection platform designed for testing peppers and tomatoes for *Tomato brown rugose fruit virus*. This kit includes lyophilized reaction pellets containing the necessary reagents to amplify ToBRFV 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 (-). **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.

If you would prefer to add a field-deployable serological assay to your testing toolkit, please check out Agdia's [ToBRFV ImmunoStrips[®]](#).

Included:

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

India Contact:

Life Technologies (India) Pvt. Ltd.

306, Aggarwal City Mall, Opposite M2K Pitampura, Delhi – 110034 (INDIA). Ph: +91-11-42208000, 42208111, 42208222, Mobile: +91-9810521400, Fax: +91-11-42208444
Email: customerservice@lifetechindia.com Website: www.lifetechindia.com