

## PathoScreen® Kit for *Xylella fastidiosa* (Xf)



This ELISA product is a qualitative assay for the detection of *Xylella fastidiosa* (Xf), the causal agent of bacterial leaf scorch, Pierce's disease, and phony peach disease. This pathogen has a wide host range, including almond, blackberry, citrus, grapevine, and olive.

The antibodies for this assay were screened against multiple isolates of three subspecies within the *X. fastidiosa* species, detecting all true positives, including those from infected Oleander. Exclusivity panels revealed no cross-reactivity with multiple common bacterial, fungal and viral pathogens. Moreover, no host-reaction was observed with healthy tissue from any common host of *X. fastidiosa* we tested.

*Xylella fastidiosa* spreads throughout the plant via the xylem vessels and can be distributed differentially within the host. Due to this localization, we recommend testing petiole or stem samples from multiple locations on symptomatic plants. Please note that continuing external research suggests root tissue provides the most consistent accurate results when testing peach for the presence of *X. fastidiosa*.

### Included:

- Antibody-coated 96-well microtiter plates
- Alkaline phosphatase enzyme conjugate
- RUB6, 1X Ready to use
- PNP substrate tablets, 5 mg each
- PNP substrate buffer, 5X concentrate
- Positive control
- PBST buffer, 20X concentrate, 50 mL
- TWEEN® 20
- General extract buffer, GEB
- [User Guide](#)

### Option

PathoScreen® Kit, *Xylella fastidiosa* (Xf), 96 testwells  
PSA 34503/0096

PathoScreen® Kit, *Xylella fastidiosa* (Xf), 288 testwells  
PSA 34503/0288

PathoScreen® Kit, *Xylella fastidiosa* (Xf), 480 testwells  
PSA 34503/0480

### 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](mailto:customerservice@lifetechindia.com) Website: [www.lifetechindia.com](http://www.lifetechindia.com)