

# PK-X.fastidiosa-050W - 50rxns

For research purposes only. Not for use in diagnostic procedures for clinical purposes.  
FOR *IN VITRO* USE ONLY

## Cat. No. PK-X.fastidiosa-050W

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### Product Description:

The PK-X.fastidiosa-050W Master Mix is designed to simplify the preparation of an isothermal amplification assay. The master mix contains a proprietary fast, novel DNA polymerase, proprietary thermostable inorganic pyrophosphatase, optimised reaction buffer, MgSO<sub>4</sub>, dNTPs, ds-DNA binding dye (FAM detection channel) and separate optimised primers.

### Stability:

The Isothermal Master Mix wet reagents are stable for a minimum of twelve months when stored at -20°C in a non-frost-free freezer.

### Supplied Reagents:

- 1 vial containing 50rxn mastermix
- 1 vial containing 50rxn of *Xylella fastidiosa* primer mix

We do **NOT** advise pre-mixing the primers with the mastermix and storing the pre-mixed reaction mix.

### Usage:

The use of a Plant material DNA extraction kit (EXT-001) is recommended for preparation of template.

A typical 25µl reaction would contain the following:

| Component             | Volume        | Final concentration |
|-----------------------|---------------|---------------------|
| Isothermal Master Mix | 15µl          | 1x                  |
| Primer Mix            | 5µl           | 1x                  |
| Template              | 1µl           | -                   |
| Water                 | 4µl           |                     |
| <b>Total</b>          | <b>25.0µl</b> |                     |

