

# PlexTaq® 5x qPCR Multiplex Master Mix is now lyo ready (#4000)

## Compatible with the future of molecular diagnostics tests: Lyophilization

### Intrinsic advantages of a lyo ready formulation

- Engineered room temperature stable Taq DNA polymerase
- Reduced time for assay preparation (just add primers/probes)
- We can deliver dried reagents with your primers/probes already added

Pack size:  
100 rxn / 500 rxn

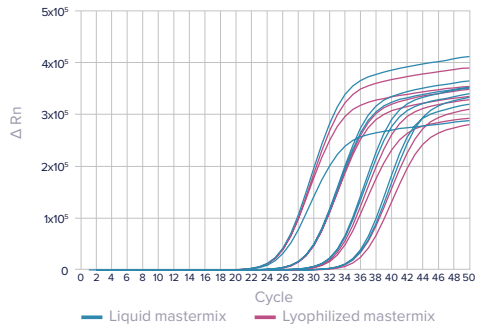
### Quantifiable gains after the lyophilization of PlexTaq

- Room temperature shipping and storage
- Extended shelf-life
- Flexible assay designs and increased flexibility in sample volume

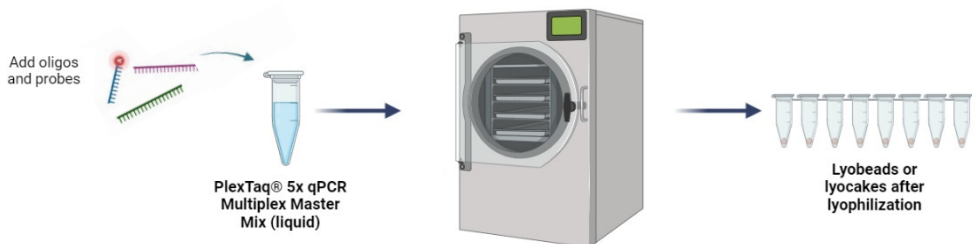
### qPCR amplification profiles over a serial dilution for a food pathogen singleplex

Amplification of a target specific to a food pathogen compares the performances between our liquid-formulated and dry-formulated PlexTaq® 5x qPCR Multiplex Master Mix. The performances down to 10 copies of DNA are the same.

Comparable performances, no sensitivity loss after freeze-drying

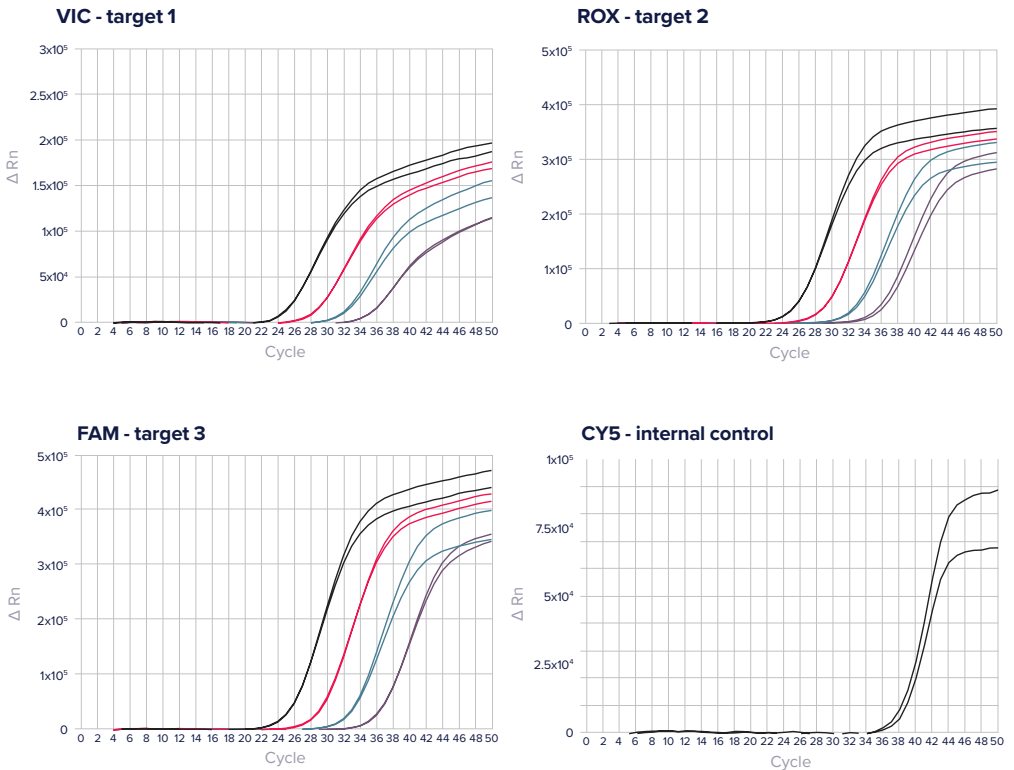


### Lyophilization workflow with PlexTaq® 5x qPCR Multiplex Master Mix



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## Lyophilized multiplex assay for a food pathogen triplex and internal control



DNA serial dilution spans from 10,000 to 10 copies/reaction for the targets and 5000 copies/reaction for the internal control. Primers and probes were lyophilized within the assay.

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