

PlexTaq® 5x qPCR Multiplex Master Mix is now Lyo Ready (#4000)



Compatible with the Future of Molecular Diagnostics Tests: Lyophilization

Catalog no. #4000

Pack size:
100 rxn / 500 rxn

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

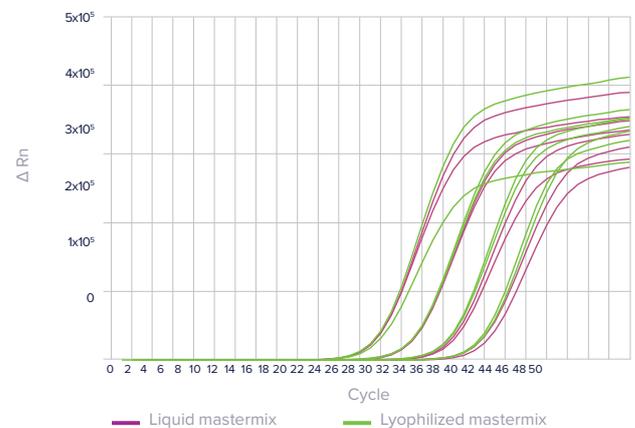
Quantifiable gains after the lyophilization of PlexTaq

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

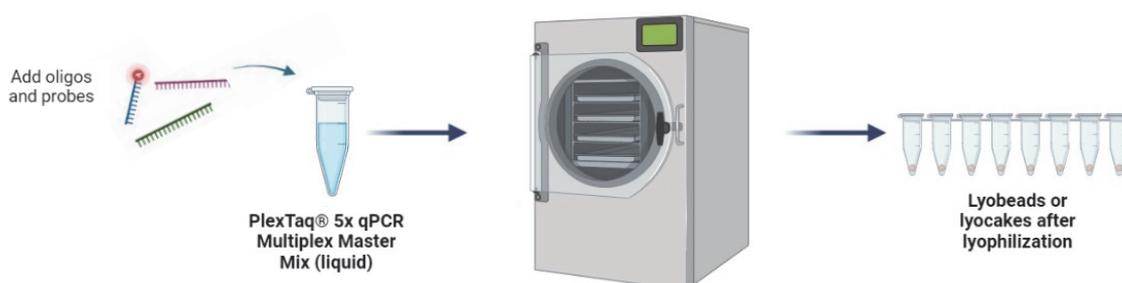
qPCR amplification profiles over a serial dilution for a food pathogen singleplex

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.

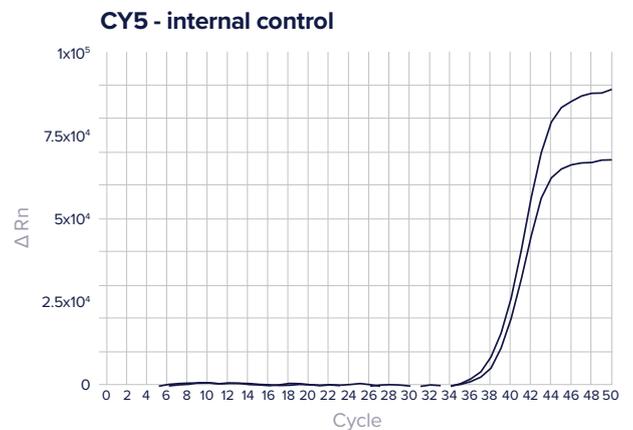
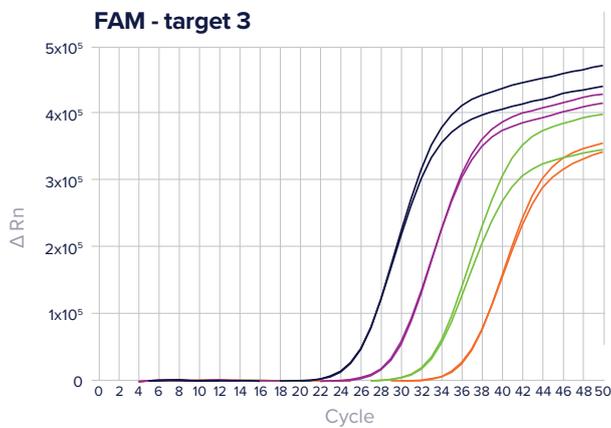
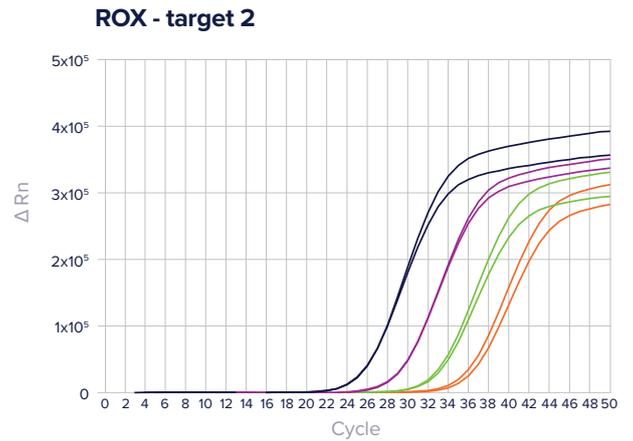
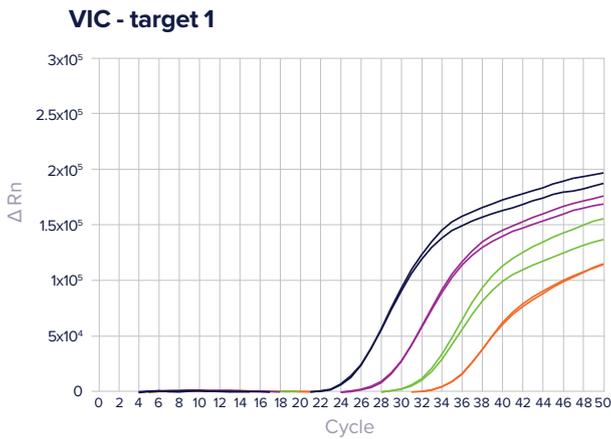
Comparable performances, no sensitivity loss after freeze-drying



Lyophilization workflow with PlexTaq® 5x qPCR Multiplex Master Mix



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.

Update: Further testing has shown that the PlexTaq® 5x qPCR Multiplex Master Mix is sensitive down to 1 copy/reaction. For more information, please contact us: mdx@medixbiochemica.com