

New 8-reaction format: Enhancing Flexibility and Efficiency in NZYtech's Real-time PCR Kits

Fast and reliable solutions for precise pathogen screening.

Introducing a new 8-reaction format for NZYtech's real-time PCR kits for pathogen detection. This format includes a pre-mixed lyophilized Master Mix and Primer-Probe mix in a single tube, simplifying the preparation process and streamlining your workflow.

- Ease of Use: Pre-mixed and lyophilized for greater convenience.
- High Sensitivity: Detects as few as 10 copies of the target genome per reaction.
- Reliable: Includes validated positive and negative controls for accurate results.

Key Features

- New 8-reaction format: ideal for small-scale testing.
- Pre-mixed Master Mix and Primer-Probe Mix: Streamlines the workflow by reducing manual steps and minimizing error risks.
- Comprehensive pathogen screening: Compatible with over 170 pathogens.
- Full control system included: Internal extraction control (IEC), positive and negative controls ensuring reliable and accurate results.
- Consistent high-quality performance: These kits provide a convenient solution with pre-mixed components, ensuring the same high-quality results as NZYtech's 100-reaction kits (Figure 1).
- Sustainable shipping: Kits are shipped at room temperature, reducing the need for cold-chain logistics, lowering environmental impact, and simplifying storage and handling during transit.

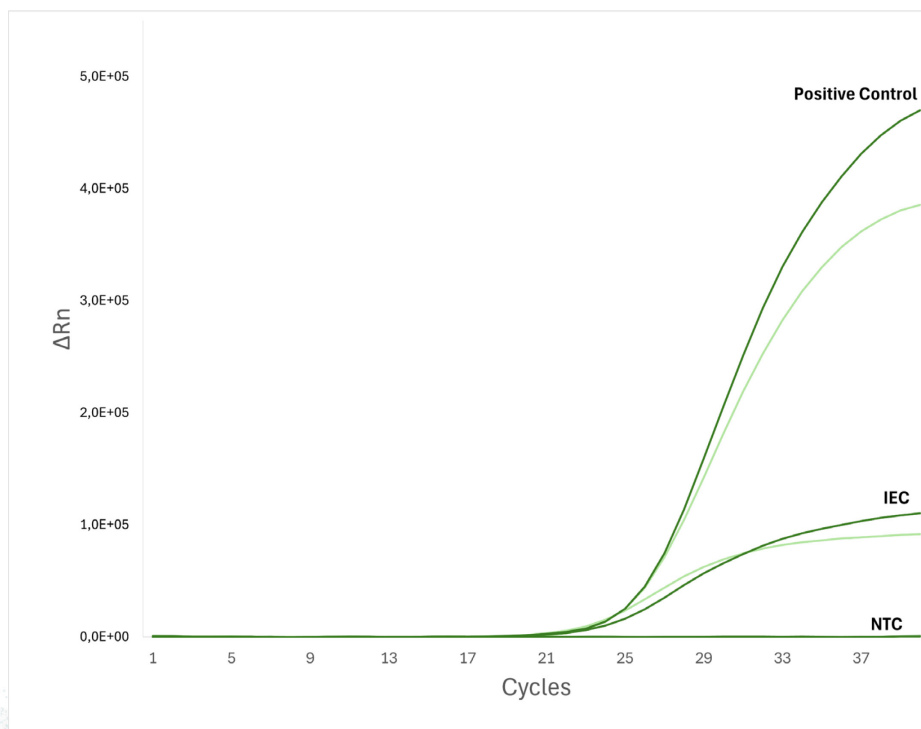


Figure 1 – Comparison of amplification plots (cycle number versus fluorescence - f(RN)) for the Positive Control and Internal Extraction Control (IEC) of the Epstein Barr Virus (HHV4) qPCR Kit (MD0501) using the 100-reaction kit (MD0501I; dark green) and using the 8-reaction kit (MD05012; light green).

Applications

- Detection of pathogens in a broad range of applications: Designed for accurate pathogen detection in various research contexts, including microbiology and virology.
- Environmental research: Ideal for monitoring microbial contamination in environmental samples.
- Ideal for laboratories requiring small-batch screening: Perfect for labs requiring small-batch testing, these kits minimize reagent waste and simplify workflows, making them ideal for small-scale experiments and pilot studies.

Order Information

Human Research & Testing



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