

# Certificate of Analysis

## Platinum™ Quantitative PCR SuperMix-UDG w/ROX

Product No. 11743500, 11538656

Lot No. 2902371

Date of Manufacture 28-May-2024

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### Quantitative PCR Assay

Platinum® Quantitative PCR SuperMix - UDG with ROX is functionally tested using plasmid DNA quantified by digital PCR to ensure robust amplification of DNA targets.

Specification: The slope must be  $-3.4 \pm 0.2$ .

Result: Meets specification.

Specification: The amplification efficiency must be  $\geq 88\%$ .

Result: Meets specification.

Specification: The correlation coefficient (  $R^2$  ) must be  $\geq 0.99$ .

Result: Meets specification.

Specification: Average Ct value of 1,000 copy level must be between 27.5 and 30.0.

Result: Meets specification.

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For Research Use Only. Not for use in diagnostic procedures.

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