

Certificate of Analysis

Platinum™ Quantitative PCR SuperMix-UDG

Product No. 11730025, 10543283

Lot No. 2881099

Date of Manufacture 25-Apr-2024

Quantitative PCR Assay

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

Specification: The slope must be -3.4 ± 0.2 .

Result: Meets specification.

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

Result: Meets specification.

Specification: The correlation coefficient (R^2) must be ≥ 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.

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

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