

Certificate of Analysis

Platinum® SYBR® qPCR SuperMix - UDG with ROX

Product No. 11744500

Lot No. 2455012

Date of Manufacture 07Feb2022

Quantitative PCR Assay

Platinum® SYBR® Green qPCR 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 $\geq 90\%$.

Result: Meets specification.

Specification: The correlation coefficient (r^2) must be ≥ 0.99 .

Result: Meets specification.

Specification: Template dilutions must show only one peak in the melt curve.

Result: Meets specification.

Specification: Average Ct value of 1,000 copy level must be 24.5 ± 1.5 .

Result: Meets specification.

For Research Use Only. Not for use in diagnostic procedures. If you have any further questions about this Certificate of Analysis, please contact Technical Services at 1-800-955-6288 (US and Canada) or 1-760-603-7200, x2 (all other countries).

Thermo Fisher Scientific
Life Sciences Solutions
5781 Van Allen Way
Carlsbad, CA, USA 92008

www.thermofisher.com

For inquiries, contact us at cofarequests@thermofisher.com



Rachel K Smith
Manager, Quality
Issued on 16 Feb 2022