

TaqMan Universal PCR Master Mix (1 x 5 mL)

Product No. **4304437**
Lot No. **2505207**
Date of Manufacture **13MAY2025**
Expiration Date **28JUN2026**

TEST	SPECIFICATION	RESULT
Analytical Tests		
Deoxyribonucleoside triphosphate (dNTP) concentrations (measured individually)		Pass
Magnesium ion (Mg ²⁺) concentration		Pass
pH at 25°C		Pass
Nuclease Tests		
RNase - RNase equivalents per 5 µL	< = 1.15 picogr	Pass
DNase - DNase equivalents per 5 µL	< = 155 picogr	Pass
E.coli DNA Carryover Test		
E.coli DNA contamination test - E.coli DNA per 25 µL	< = 4 copy	Pass
Functional Test (RNase P Assay)		
Functional Test performed on Applied Biosystems ViiA 7 Real-Time PCR System with RNase P assay		

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

Manufactured under a Quality Management System that meets the requirements of ISO 13485 and ISO 9001. Site: Warrington, UK



Corporate Legal Entity
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Quality Assurance
Issued 23MAY2025

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TEST	SPECIFICATION	RESULT
Average NTC (No Template Control)	> = 38.0 CT	Pass
Average Ct for 22.2 ng/μL of human (CEPH) DNA	19.0 - 23.0 CT	Pass
PCR efficiency	85 - 115 %	Pass
R2 (correlation coefficient) for the standard curve	> = 0.98	Pass

Functional Test (B-actin assay)

Functional Test performed on Applied Biosystems ViiA 7 Real-Time PCR System with B-actin assay

Positive result achieved when analyzed using 50 ng of human (CEPH) DNA		Pass
Average NTC (No Template Control)	> = 38.0 CT	Pass

Physical Inspection


Labels Correct and Intact	Pass
Caps Sealed	Pass

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