

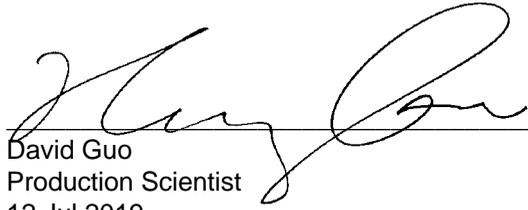
New England Biolabs Certificate of Analysis

Product Name: Taq PCR Kit
Catalog Number: E5000S
Packaging Lot Number: 10057980
Expiration Date: 07/2021
Storage Temperature: -20°C
Specification Version: PS-E5000S v2.0

Taq PCR Kit Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
N0550AVIAL	Quick-Load® Purple 1 kb Plus DNA Ladder	10057982	Pass
N0447SVIAL	Deoxynucleotide (dNTP) Solution Mix	10050335	Pass
M0273AVIAL	Taq DNA Polymerase with Standard Taq Buffer	10047004	Pass
B9021SVIAL	Magnesium Chloride (MgCl ₂) Solution	10054951	Pass
B9015SVIAL	Standard Taq (Mg-free) Reaction Buffer Pack	10033771	Pass
B9014SVIAL	Standard Taq Reaction Buffer Pack	10049383	Pass

Assay Name/Specification	Lot # 10057980
PCR Amplification (5.0 kb Lambda DNA) A 50 µl reaction in Standard Taq Reaction Buffer in the presence of 200 µM dNTPs and 0.2 µM primers containing 5 ng Lambda DNA with 1.25 units of Taq DNA Polymerase for 25 cycles of PCR amplification results in the expected 5.0 kb product.	Pass
* Individual Product Component Note Standard Quality Control Tests are performed for each component included in Taq PCR Kit and meet the designated specifications.	Pass

This product has been tested and shown to be in compliance with all specifications.


David Guo
Production Scientist
12 Jul 2019


Josh Hersey
Packaging Quality Control Inspector
27 Nov 2019