

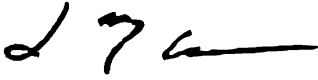
New England Biolabs Certificate of Analysis

Product Name: Taq PCR Kit
Catalog Number: E5000S
Lot Number: 10024366
Expiration Date: 06/2020
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	10015398	Pass
N0447SVIAL	Deoxynucleotide (dNTP) Solution Mix	10019484	Pass
M0273AVIAL	Taq DNA Polymerase with Standard Taq Buffer	10009932	Pass
B9021SVIAL	Magnesium Chloride (MgCl ₂) Solution	10020022	Pass
B9015SVIAL	Standard Taq (Mg-free) Reaction Buffer Pack	0021703	Pass
B9014SVIAL	Standard Taq Reaction Buffer Pack	10022003	Pass

Assay Name/Specification	Lot # 10024366
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.



Lynne Apone
Production Scientist
09 Jul 2018



Michael Tonello
Packaging Quality Control Inspector
03 Dec 2018