

New England Biolabs Certificate of Analysis

Product Name: Taq PCR Kit
Catalog #: E5000S
Kit Components: Taq DNA Polymerase with Standard Taq Buffer (M0273)
 Deoxynucleotide (dNTP) Solution Mix (N0447)
 Standard Taq Reaction Buffer Pack (B9014)
 Standard Taq (Mg-free) Reaction Buffer Pack (B9015)
 Magnesium Chloride (MgCl₂) Solution (B9021)
 Quick-Load[®] Purple 2-Log DNA Ladder (0.1 - 10.0 kb) (N0550)

Lot #: 0561712
Assay Date: 12/2017
Expiration Date: 12/2019
Storage Temp: -20°C
Specification Version: PS-E5000S v1.0
Effective Date: 30 Apr 2018

Assay Name/Specification (minimum release criteria)	Lot #0561712
<p>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.</p> <p>* Individual Product Component Note - Standard Quality Control Tests are performed for each component included in Taq PCR Kit and meet the designated specifications.</p>	<p>Pass</p> <p>Pass</p>



Authorized by
Derek Robinson
30 Apr 2018



Inspected by
Lynne Apone
08 Dec 2017

