

## New England Biolabs Certificate of Analysis

Product Name: NEB<sup>®</sup> PCR Cloning Kit  
 Catalog Number: E1202S  
 Lot Number: 10033152  
 Expiration Date: 12/2019  
 Storage Temperature: Multi-temperature\*  
 Specification Version: PS-E1202S v2.0

\* This product contains components with different storage temperature requirements. Please reference the applicable product specification document(s) on the Quality and Safety tab located on the product page of [www.neb.com](http://www.neb.com).

NEB <sup>®</sup> PCR Cloning Kit Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
S1513AVIAL	Cloning Analysis Reverse Primer	10032860	Pass

Assay Name/Specification	Lot # 10033152
<p><b>Functional Testing (NEB<sup>®</sup> PCR Cloning Kit)</b>            A 10 µl ligation reaction containing 5 µl cloning mix, 25 ng of linearized pMiniT<sup>™</sup> 2.0 vector and 30 ng of a 1 kb amplicon containing A overhangs is incubated for 5 minutes at 25°C. Transformation of NEB 10-beta Competent E. coli with 2 µl of the ligated master mix/fragment mixture yields ≥ 100 colonies when 5% of the transformation is plated on an ampicillin plate and incubated overnight at 37°C. The colonies are screened by colony PCR and ≥95% of colonies have an insert present.</p>	Pass
<p><b>* Individual Product Component Note</b>            Standard Quality Control Tests are performed for each component included in NEB<sup>®</sup> PCR Cloning Kit and meet the designated specifications.</p>	Pass

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

*Cathy Shea*

Cathy Shea  
Production Scientist  
03 Dec 2018

*Nick Privitera*

Nick Privitera  
Packaging Quality Control Inspector  
20 Dec 2018