

## New England Biolabs Certificate of Analysis

Product Name: Quick Blunting Kit  
Catalog Number: E1201L  
Packaging Lot Number: 10062855  
Expiration Date: 04/2022  
Storage Temperature: -20°C  
Specification Version: PS-E1201S/L v1.0

Quick Blunting Kit Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
N1201AAVIAL	dNTP Mix	10080112	Pass
M1201AAVIAL	Quick Blunting Enzyme	10080109	Pass
B1201SVIAL	Quick Blunting Kit Buffer	10039061	Pass

Assay Name/Specification	Lot # 10062855
<p><b>Functional Testing (Quick Blunting™ Kit)</b> A 25 µl reaction in 1X Quick Blunting Buffer containing 20 ng of Apal/BamHI linearized, dephosphorylated pUC19-derived DNA, dNTPs, and 1 µl Blunting Enzyme Mix is incubated for 15 minutes at 25°C. Ligation with the Quick Ligation Kit and transformation into NEB 5-alpha Competent E. coli results in &gt;90% blue colonies when spread on plates incubated with Xgal, IPTG and ampicillin. Blue colonies indicate precise 5' overhang fill-in and 3' overhang removal of the plasmid DNA.</p>	Pass

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

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04 Sep 2020



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04 Sep 2020