

## New England Biolabs Certificate of Analysis

**Product Name:** Quick Blunting™ Kit  
**Catalog Number:** E1201S  
**Packaging Lot Number:** 10238440  
**Expiration Date:** 02/2026  
**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
N1201AVIAL	dNTP Mix	10230678	Pass
M1201AVIAL	Quick Blunting Enzyme	10230677	Pass
B1201SVIAL	Quick Blunting Kit Buffer	10230680	Pass

Assay Name/Specification	Lot # 10238440
<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 >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.	<b>Pass</b>

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

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23 Feb 2024



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03 May 2024