

New England Biolabs Certificate of Analysis

Product Name: Quick Blunting™ Kit
 Catalog Number: E1201S
 Packaging Lot Number: 10107427
 Expiration Date: 04/2023
 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 | 10102459 | Pass |
| M1201AVIAL | Quick Blunting Enzyme | 10102457 | Pass |
| B1201SVIAL | Quick Blunting Kit Buffer | 10080113 | Pass |

| Assay Name/Specification | Lot # 10107427 |
|---|----------------|
| Functional Testing (Quick Blunting™ Kit) 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. | Pass |

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

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28 May 2021



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28 May 2021