

New England Biolabs Certificate of Analysis

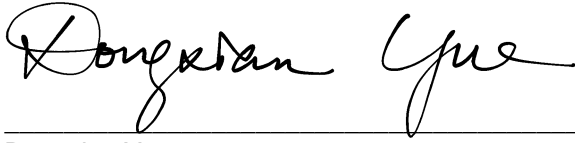
Product Name: *HiScribe® T7 Quick High Yield RNA Synthesis Kit*
Catalog Number: *E2050S*
Packaging Lot Number: *10249324*
Expiration Date: *02/2026*
Storage Temperature: *-20°C*
Specification Version: *PS-E2050S v3.0*

| HiScribe® T7 Quick High Yield RNA Synthesis Kit Component List | | | |
|--|-----------------------|------------|----------------------|
| NEB Part Number | Component Description | Lot Number | Individual QC Result |
| N2052AVIAL | NTP Buffer Mix | 10229497 | Pass |
| N0426AVIAL | Fluc Control Template | 10235707 | Pass |
| M0303AVIAL | DNase I (RNase-free) | 10229500 | Pass |
| M0255AVIAL | T7 RNA Polymerase Mix | 10228792 | Pass |
| B2051AVIAL | LiCl Solution | 10234277 | Pass |
| B1222AVIAL | 0.1M DTT | 10242838 | Pass |

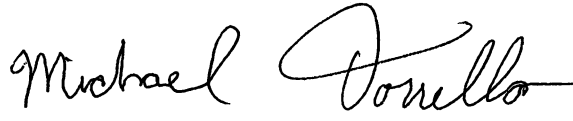
| Assay Name/Specification | Lot # 10249324 |
|---|----------------|
| <p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in HiScribe® T7 Quick High Yield RNA Synthesis Kit and meet the designated specifications.</p> | Pass |
| <p>Functional Testing (RNA Synthesis, Yield) A 20 µl reaction in the presence of 40 mM NTPs containing 1 µg FLuc Control Template with 2 µl of the T7 RNA Polymerase Mix incubated for 2 hours at 37°C results in a minimum of 150 µg of a 1.8 kb RNA as determined by OD 260 and agarose gel electrophoresis.</p> | Pass |

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

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Production Scientist
23 Feb 2024



Michael Tonello
Packaging Quality Control Inspector
06 Aug 2024