

New England Biolabs Certificate of Analysis

Product Name: *HiScribe™ T7 mRNA Kit with CleanCap® Reagent AG*
 Catalog Number: *E2080S*
 Packaging Lot Number: *10139398*
 Expiration Date: *08/2023*
 Storage Temperature: *-20°C*
 Specification Version: *PS-E2080S v1.0*

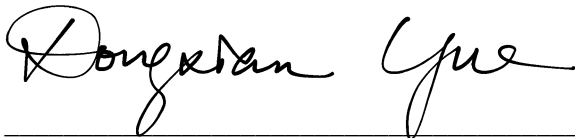
| HiScribe™ T7 mRNA Kit with CleanCap® Reagent AG Component List | | | |
|--|---|------------|----------------------|
| NEB Part Number | Component Description | Lot Number | Individual QC Result |
| S1413AVIAL | CleanCap® Reagent AG | 10138037 | Pass |
| N2078AVIAL | CLuc AG Control Template | 10126808 | Pass |
| N0492AVIAL | UTP | 10138036 | Pass |
| N0491AVIAL | CTP | 10138035 | Pass |
| N0490AVIAL | GTP | 10138034 | Pass |
| N0489AVIAL | ATP | 10138033 | Pass |
| M0303AAVIAL | DNase I (RNase-free) | 10133295 | Pass |
| M0255AAVIAL | T7 RNA Polymerase Mix | 10139387 | Pass |
| B2082AVIAL | 10X T7 CleanCap® Reagent AG Reaction Buffer | 10138038 | Pass |
| B2051AVIAL | LiCl Solution | 10131233 | Pass |

| Assay Name/Specification | Lot # 10139398 |
|---|----------------|
| <p>Functional Testing (RNA Synthesis, Yield) A 20 µl reaction in 1X T7 CleanCap® Reagent AG Reaction Buffer in the presence of 6 mM ATP, 5 mM GTP, 5 mM CTP, 5 mM UTP and 4 mM CleanCap® Reagent AG containing 1 µg CLuc AG Control Template with 2 µl of the T7 RNA Polymerase Mix incubated for 2 hours at 37°C results in a minimum of 90 µg of a 1.76 kb RNA as determined by OD 260 and agarose gel electrophoresis.</p> | Pass |
| <p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in HiScribe™ T7 mRNA Kit with CleanCap® Reagent AG and meet the designated</p> | Pass |

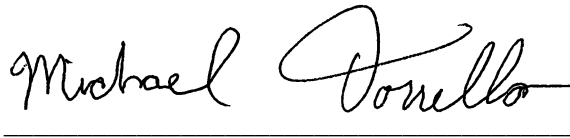
| Assay Name/Specification | Lot # 10139398 |
|--------------------------|----------------|
| specifications. | |

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

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Dongxian Yue
Production Scientist
31 Jan 2022



Michael Tonello
Packaging Quality Control Inspector
01 Feb 2022