

New England Biolabs Certificate of Analysis

Product Name: PURExpress™ Δ Ribosome Kit
Catalog Number: E3313S
Packaging Lot Number: 10244079
Expiration Date: 05/2026
Storage Temperature: -80°C
Specification Version: PS-E3313S v2.0

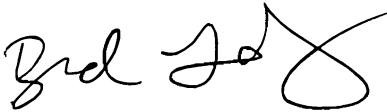
| PURExpress™ Δ Ribosome Kit Component List | | | |
|---|---------------------------------|------------|----------------------|
| NEB Part Number | Component Description | Lot Number | Individual QC Result |
| P0763AVIAL | E.coli Ribosome | 10241238 | Pass |
| P0762AVIAL | PURExpress® Factor Mix | 10241239 | Pass |
| N0424AVIAL | PURExpress Control DHFR Plasmid | 10214569 | Pass |
| B0231AVIAL | Solution A (E3313) | 10241240 | Pass |

| Assay Name/Specification | Lot # 10244079 |
|---|----------------|
| <p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in PURExpress® Δ Ribosome Kit and meet the designated specifications.</p> | Pass |
| <p>Functional Testing (Cell Free Protein Synthesis Assay) (DHFR) A 25 µl reaction in the presence of 250 ng PURExpress® Control DHFR Plasmid and 20 units RNase Inhibitor containing the components of the PURExpress® Δ Ribosome Kit incubated for 2 hours at 37°C results in the expected 20 kDa product as determined by SDS-PAGE with Coomassie Blue detection.</p> | Pass |
| <p>Functional Testing (Cell Free Protein Synthesis Assay) (Vent DNA Polymerase) A 25 µl reaction in the presence of 250 ng Vent DNA Polymerase template DNA and 20 units RNase Inhibitor containing the components of the PURExpress® Δ Ribosome Kit incubated for 2 hours at 37°C results in the expected 89 kDa product as determined by SDS-PAGE with Coomassie Blue detection.</p> | Pass |
| <p>Functional Testing (Cell Free Protein Synthesis Assay) (--galactosidase) A 25 µl reaction in the presence of 250 ng β-galactosidase template DNA and 20 units RNase Inhibitor containing the components of the PURExpress® Δ Ribosome Kit incubated for 2 hours at 37°C results in the expected 116 kDa product as determined by SDS-PAGE with Coomassie Blue detection.</p> | Pass |

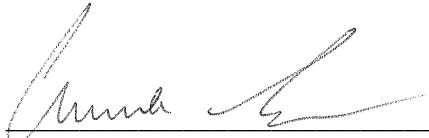
This product has been tested and shown to be in compliance with all specifications.



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Brad Landgraf
Production Scientist
07 May 2024



Anna Sorensen
Packaging Quality Control Inspector
11 Jun 2024