

New England Biolabs Certificate of Analysis

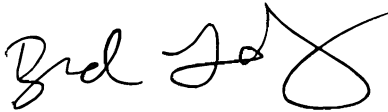
Product Name: PURExpress™ Δ Ribosome Kit
 Catalog Number: E3313S
 Packaging Lot Number: 10270617
 Expiration Date: 05/2026
 Storage Temperature: -80°C
 Specification Version: PS-E3313S v2.0

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	10264366	Pass
B0228AVIAL	PURExpress Solution A	10253395	Pass

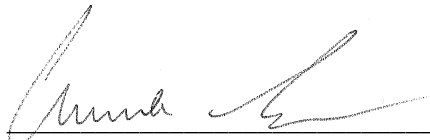
Assay Name/Specification	Lot # 10270617
<p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in PURExpress® Δ Ribosome Kit and meet the designated specifications.</p>	Pass
<p>Functional Testing (Cell Free Protein Synthesis Assay) (DHFR) A 25 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.

One or more products referenced in this document may be covered by a 3rd-party trademark. Please visit www.neb.com/trademarks for additional information.



Brad Landgraf
Production Scientist
07 May 2024



Anna Sorensen
Packaging Quality Control Inspector
09 Dec 2024