

New England Biolabs Certificate of Analysis

Product Name: PURExpress® delta Ribosome Kit
 Catalog Number: E3313S
 Packaging Lot Number: 10116018
 Expiration Date: 08/2023
 Storage Temperature: -80°C
 Specification Version: PS-E3313S v2.0

PURExpress® delta Ribosome Kit Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
P0763AVIAL	E.coli Ribosome	10117452	Pass
P0762AVIAL	PURExpress® Factor Mix	10117451	Pass
N0424AVIAL	PURExpress Control DHFR Plasmid	10103267	Pass
B0228AVIAL	PURExpress Solution A	10117450	Pass

Assay Name/Specification	Lot # 10116018
<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
<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

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.

Coryna Tuckey

Cory Tuckey
Production Scientist
11 Aug 2021

Michael Tonello

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Packaging Quality Control Inspector
11 Aug 2021