

New England Biolabs Certificate of Analysis

Product Name: PURExpress[®] delta Ribosome Kit
 Catalog Number: E3313S
 Lot Number: 10050082
 Expiration Date: 07/2021
 Storage Temperature: -80°C
 Specification Version: PS-E3313S v1.0

PURExpress [®] delta Ribosome Kit Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
P0763AVIAL	E.coli Ribosome	10049160	Pass
P0762AVIAL	PURExpress [®] Factor Mix	10049159	Pass
N0424AVIAL	Control (DHFR) template	10045777	Pass
B0228AVIAL	PURExpress Solution A	10049158	Pass

Assay Name/Specification	Lot # 10050082
<p>Functional Testing (Cell Free Protein Synthesis Assay) (DHFR) A 25 µl reaction in the presence of 250 ng E. coli DHFR 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 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
<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

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



Corinna Tuckey

Cory Tuckey
Production Scientist
11 Jul 2019

Corinna Tuckey

Cory Tuckey
Packaging Quality Control Inspector
17 Jul 2019