

New England Biolabs Certificate of Analysis

Product Name: *PURExpress*[®] Δ Ribosome Kit
 Catalog #: E3313S
 Kit Components: *PURExpress*[®] Solution A (B0228)
PURExpress[®] Factor Mix (P0762)
E. coli Ribosome (P0763)
PURExpress[®] Control (DHFR) template (N0424)

Lot #: 0161802
 Assay Date: 02/2018
 Expiration Date: 02/2020
 Storage Temp: -80°C
 Specification Version: PS-E3313S v1.0
 Effective Date: 13 Jun 2018

Assay Name/Specification (minimum release criteria)	Lot #0161802
<p>Functional Testing (Cell Free Protein Synthesis Assay) (DHFR) - A 25 μl reaction in the presence of 250 ng <i>E. coli</i> DHFR template DNA and 20 units RNase Inhibitor containing the components of the <i>PURExpress</i>[®] 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 <i>PURExpress</i>[®] 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) (β-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 <i>PURExpress</i>[®] 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 <i>PURExpress</i>[®] Δ Ribosome Kit and meet the designated specifications.</p>	Pass



Authorized by
Derek Robinson
13 Jun 2018



Inspected by
Cory Tuckey
01 Feb 2018

