

New England Biolabs Certificate of Analysis

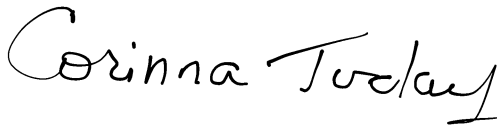
Product Name: PURExpress® RF123 Kit
 Catalog Number: E6850S
 Packaging Lot Number: 10067427
 Expiration Date: 02/2022
 Storage Temperature: -80°C
 Specification Version: PS-E6850S v1.0

PURExpress® RF123 Kit Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
P6854AVIAL	PURExpress® Solution B (-RF123)	10066325	Pass
P6853AVIAL	PURExpress® RF3	10066329	Pass
P6852AVIAL	PURExpress® RF2	10066327	Pass
P6851AVIAL	PURExpress® RF1	10066326	Pass
N0424AVIAL	Control (DHFR) template	10045777	Pass
B0228AVIAL	PURExpress Solution A	10066324	Pass

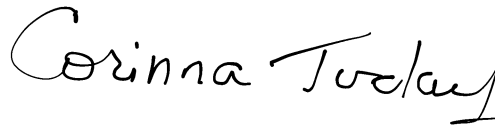
Assay Name/Specification	Lot # 10067427
<p>Functional Testing (Cell Free Protein Synthesis Assay) (DHFR) A 25 µl reaction in the presence of 250 ng E. coli DHFR template DNA and 20 units RNase Inhibitor containing the components of the PURExpress® Δ RF123 Kit incubated for 2 hours at 37°C results in 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 RF123 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 RF123 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</p>	Pass

Assay Name/Specification	Lot # 10067427
PURExpress [®] Δ RF123 Kit and meet the designated specifications.	

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



Cory Tuckey
Production Scientist
06 Feb 2020



Cory Tuckey
Packaging Quality Control Inspector
11 Feb 2020