

New England Biolabs Certificate of Analysis

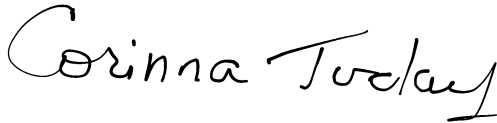
Product Name: PURExpress[®] In Vitro Protein Synthesis Kit
 Catalog Number: E6800S
 Packaging Lot Number: 10131880
 Expiration Date: 12/2023
 Storage Temperature: -80°C
 Specification Version: PS-E6800S/L v2.0

PURExpress [®] In Vitro Protein Synthesis Kit Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
P0760AVIAL	PURExpress [®] Solution B	10130709	Pass
N0424AVIAL	PURExpress Control DHFR Plasmid	10103267	Pass
B0228AVIAL	PURExpress Solution A	10130708	Pass

Assay Name/Specification	Lot # 10131880
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 [®] In Vitro Protein Synthesis Kit incubated for 2 hours at 37°C results in the expected 116 kDa product as determined by SDS-PAGE with Coomassie Blue detection.	Pass
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 [®] In Vitro Protein Synthesis Kit incubated for 2 hours at 37°C results in the expected 89 kDa product as determined by SDS-PAGE with Coomassie Blue detection.	Pass
* Individual Product Component Note Standard Quality Control Tests are performed for each component included in PURExpress [®] In Vitro Protein Synthesis Kit and meet the designated specifications.	Pass
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 [®] In Vitro Protein Synthesis Kit incubated for 2 hours at 37°C results in the expected 20 kDa product as determined by SDS-PAGE with Coomassie Blue detection.	Pass

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

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Cory Tuckey
Production Scientist
07 Dec 2021



Josh Hersey
Packaging Quality Control Inspector
07 Dec 2021