

New England Biolabs Certificate of Analysis

Product Name: pTWIN1 Vector DNA
Catalog Number: N6951S
Concentration: 200 µg/ml
Lot Number: 10056946
Expiration Date: 07/2022
Storage Temperature: -20°C
Storage Conditions: 10 mM Tris-HCl, 1 mM EDTA, (pH 8.0 @ 25°C)
Specification Version: PS-N6951S v1.0

| pTWIN1 Vector DNA Component List | | | |
|----------------------------------|-----------------------|------------|----------------------|
| NEB Part Number | Component Description | Lot Number | Individual QC Result |
| N6951SVIAL | pTWIN1 Vector DNA | 10048391 | Pass |

| Assay Name/Specification | Lot # 10056946 |
|---|----------------|
| Restriction Digest (Linearization) A 50 µl reaction in CutSmart® Buffer containing 2 µg of pTWIN1 Vector and 10 units of SapI incubated for 1 hour at 37°C produces > 95% linearization resulting in a single band of approximately 7375 bp as determined by agarose gel electrophoresis. | Pass |
| DNA Concentration (A260) The concentration of pTWIN1 Vector is between 200 and 220 µg/ml as determined by UV absorption at 260 nm. | Pass |
| A260/A280 Assay The ratio of UV absorption of pTWIN1 Vector at 260 and 280 nm is between 1.8 and 2.0. | Pass |

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



Brad Landgraf
Production Scientist
19 Jul 2019



Michael Tonello
Packaging Quality Control Inspector
07 Oct 2019