

New England Biolabs Certificate of Analysis

Product Name: *pTWIN1 Vector DNA*
Catalog Number: *N6951S*
Concentration: *200 µg/ml*
Lot Number: *10048390*
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 # 10048390
A260/A280 Assay The ratio of UV absorption of pTWIN1 Vector at 260 and 280 nm is between 1.8 and 2.0.	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
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

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
25 Jul 2019