

## New England Biolabs Certificate of Analysis

**Product Name:** *pTWIN1 Vector DNA*  
**Catalog Number:** *N6951S*  
**Concentration:** *200 µg/ml*  
**Packaging Lot Number:** *10062308*  
**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 # 10062308
<b>A260/A280 Assay</b> The ratio of UV absorption of pTWIN1 Vector at 260 and 280 nm is between 1.8 and 2.0.	Pass
<b>DNA Concentration (A260)</b> The concentration of pTWIN1 Vector is between 200 and 220 µg/ml as determined by UV absorption at 260 nm.	Pass
<b>Restriction Digest (Linearization)</b> 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.



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Brad Landgraf  
Production Scientist  
19 Jul 2019



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Michael Tonello  
Packaging Quality Control Inspector  
05 Feb 2020