

## New England Biolabs Certificate of Analysis

**Product Name:** *pTWIN1 Vector DNA*  
**Catalog Number:** *N6951S*  
**Concentration:** *200 µg/ml*  
**Packaging Lot Number:** *10121785*  
**Expiration Date:** *08/2024*  
**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	10118139	Pass

Assay Name/Specification	Lot # 10121785
<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
<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

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

One or more products referenced in this document may be covered by a 3rd-party trademark. Please visit [www.neb.com/trademarks](http://www.neb.com/trademarks) for additional information.



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22 Nov 2021



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22 Nov 2021