

New England Biolabs Product Specification

Product Name: pTWIN1 Vector
Catalog #: N6951S
Concentration: 200 µg/ml
Shelf Life: 36 months
Storage Temp: -20°C
Storage Conditions: 10 mM Tris-HCl, 1 mM EDTA, (pH 8.0 @ 25°C)
Specification Version: PS-N6951S v1.0
Effective Date: 17 Jul 2018

Assay Name/Specification (minimum release criteria)
A260/A280 Assay - The ratio of UV absorption of pTWIN1 Vector at 260 and 280 nm is between 1.8 and 2.0.
DNA Concentration (A260) - The concentration of pTWIN1 Vector is between 200 and 220 µg/ml as determined by UV absorption at 260 nm.
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.



Date 17 Jul 2018

Derek Robinson
Director of Quality Control

