

New England Biolabs Product Specification

Product Name: pTYB21 Vector
Catalog #: N6709S
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-N6709S v1.0
Effective Date: 10 Apr 2018

Assay Name/Specification (minimum release criteria)

A260/A280 Assay - The ratio of UV absorption of pTYB21 Vector at 260 and 280 nm is between 1.8 and 2.0.

DNA Concentration (A260) - The concentration of pTYB21 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 pTYB21 Vector and 10 units of SapI incubated for 1 hour at 37°C produces > 95% linearization resulting in a single band of approximately 7514 bp as determined by agarose gel electrophoresis.



Date 10 Apr 2018

Derek Robinson
Director of Quality Control

