

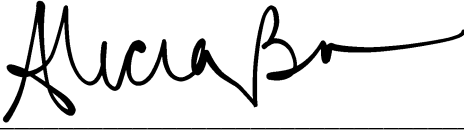
New England Biolabs Certificate of Analysis

Product Name: pTYB21 Vector
Catalog Number: N6709S
Concentration: 200 µg/ml
Packaging Lot Number: 10077148
Expiration Date: 12/2022
Storage Temperature: -20°C
Storage Conditions: 10 mM Tris-HCl, 1 mM EDTA, (pH 8.0 @ 25°C)
Specification Version: PS-N6709S v1.0

pTYB21 Vector Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
N6709SVIAL	pTYB21 Vector	10062612	Pass

Assay Name/Specification	Lot # 10077148
A260/A280 Assay The ratio of UV absorption of pTYB21 Vector at 260 and 280 nm is between 1.8 and 2.0.	Pass
DNA Concentration (A260) The concentration of pTYB21 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 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.	Pass

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



Alicia Bielik
Production Scientist
11 Jun 2020



Josh Hersey
Packaging Quality Control Inspector
11 Jun 2020