

240 County Road Ipswich, MA 01938-2723 Tel 978-927-5054 Fax 978-921-1350 www.neb.com info@neb.com

New England Biolabs Certificate of Analysis

Product Name: pTYB21 Vector

Catalog Number: N6709S
Concentration: 200 µg/ml
Packaging Lot Number: 10174201
Expiration Date: 03/2025
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	10144688	Pass

Assay Name/Specification	Lot # 10174201
DNA Concentration (A260) The concentration of pTYB21 Vector is between 200 and 220 μg/ml as determined by UV	Pass
absorption at 260 nm.	
A260/A280 Assay	Pass
The ratio of UV absorption of pTYB21 Vector at 260 and 280 nm is between 1.8 and 2.0.	
Restriction Digest (Linearization)	Pass
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.	

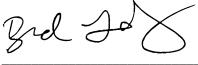
This product has been tested and shown to be in compliance with all specifications.

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



N6709S / Lot: 10174201

Page 1 of 2



Brad Landgraf Production Scientist 24 Mar 2022 Michael Tonello

Packaging Quality Control Inspector

02 Dec 2022

N6709S / Lot: 10174201

Page 2 of 2