

New England Biolabs Certificate of Analysis

Product Name: *pTXB1 Vector DNA*
Catalog Number: *N6707S*
Concentration: *200 µg/ml*
Unit Definition:
Lot Number: *10026441*
Expiration Date: *10/2021*
Storage Temperature: *-20°C*
Storage Conditions: *10 mM Tris-HCl, 1 mM EDTA, (pH 8.0 @ 25°C)*
Specification Version: *PS-N6707S v1.0*

pTXB1 Vector DNA Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
N6707SVIAL	pTXB1 Vector DNA	10025285	Pass

Assay Name/Specification	Lot # 10026441
A260/A280 Assay The ratio of UV absorption of pTXB1 Vector at 260 and 280 nm is between 1.8 and 2.0.	Pass
DNA Concentration (A260) The concentration of pTXB1 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 pTXB1 Vector and 10 units of SapI incubated for 1 hour at 37°C produces > 95% linearization resulting in a single band of approximately 6706 bp as determined by agarose gel electrophoresis.	Pass

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



Brad Landgraf
Production Scientist
12 Oct 2018



Josh Hersey
Packaging Quality Control Inspector
19 Oct 2018