

## New England Biolabs Certificate of Analysis

**Product Name:** pTXB1 Vector  
**Catalog Number:** N6707S  
**Concentration:** 200 µg/ml  
**Packaging Lot Number:** 10115315  
**Expiration Date:** 12/2023  
**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 Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
N6707SVIAL	pTXB1 Vector DNA	10094090	Pass

Assay Name/Specification	Lot # 10115315
<b>Restriction Digest (Linearization)</b> 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
<b>DNA Concentration (A260)</b> The concentration of pTXB1 Vector is between 200 and 220 µg/ml as determined by UV absorption at 260 nm.	Pass
<b>A260/A280 Assay</b> The ratio of UV absorption of pTXB1 Vector at 260 and 280 nm is between 1.8 and 2.0.	Pass

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](http://www.neb.com/trademarks) for additional information.



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Alicia Bielik  
Production Scientist  
26 Jul 2021



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Josh Hersey  
Packaging Quality Control Inspector  
26 Jul 2021