

## New England Biolabs Certificate of Analysis

**Product Name:** pTXB1 Vector  
**Catalog Number:** N6707S  
**Concentration:** 200 µg/ml  
**Lot Number:** 10035055  
**Expiration Date:** 12/2021  
**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 Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
N6707SVIAL	pTXB1 Vector DNA	10030222	Pass

Assay Name/Specification	Lot # 10035055
<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
<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>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

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



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Brad Landgraf  
Production Scientist  
30 Nov 2018



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Michael Tonello  
Packaging Quality Control Inspector  
03 Apr 2019