

New England Biolabs Certificate of Analysis

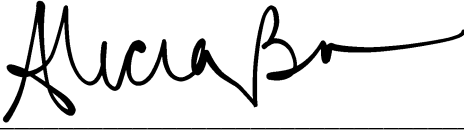
Product Name: pTXB1 Vector
Catalog Number: N6707S
Concentration: 200 µg/ml
Packaging Lot Number: 10162127
Expiration Date: 03/2025
Storage Temperature: -20°C
Storage Conditions: 10 mM Tris-HCl, 1 mM EDTA, (pH 8.0 @ 25°C)
Specification Version: PS-N6707S v1.0

pTXB1 Vector Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
N6707SVIAL	pTXB1 Vector DNA	10144693	Pass

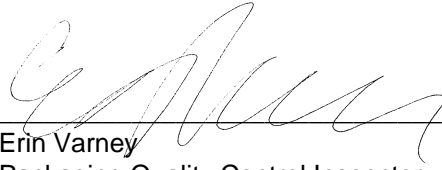
Assay Name/Specification	Lot # 10162127
DNA Concentration (A260) The concentration of pTXB1 Vector is between 200 and 220 µg/ml as determined by UV absorption at 260 nm.	Pass
Restriction Digest (Linearization) A 50 µl reaction in CutSmart® Buffer containing 2 µg of pTXB1 Vector and 10 units of SapI incubated 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
A260/A280 Assay 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 for additional information.



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Production Scientist
24 Aug 2022



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24 Aug 2022