

New England Biolabs Certificate of Analysis

Product Name: pTXB1 Vector
Catalog Number: N6707S
Concentration: 200 µg/ml
Packaging Lot Number: 10212859
Expiration Date: 04/2026
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	10185551	Pass

Assay Name/Specification	Lot # 10212859
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.

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.



Brad Landgraf
Production Scientist
11 Apr 2023



Josh Hersey
Packaging Quality Control Inspector
12 Oct 2023